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("MVIS")

Benchmark Statement

MVIS Sector Indices Family

Status: 31 December 2020

MV Index Solutions ("MVIS") administers among other indices certain sector indices (the "**MVIS Sector Indices**"). The MVIS Sector Indices are a selection of equity indices that cover certain sectors of the equity market on a country or global level. The MVIS Sector Indices follow either a unique pure-play or a thematic approach. The pure play approach considers companies which generate at least 50% of their revenues from the index target to be eligible for index inclusion. The thematic approach considers companies that operate in the index theme by way of revenue exposure or product offering and services from certain sub-sectors as specified in the Index Guides.

MVIS has grouped its MVIS Sector Indices into one family of indices (the "**MVIS Sector Indices Family**") because each of the MVIS Sector Indices measure the economic reality of one specific market sector, use common input data, and are calculated according to similar methodologies.

This document must be read in conjunction with the MVIS Global Equity Index Guide, which is available on the MVIS website (www.mvis-indices.com).

The European Benchmark Regulation ("**BMR**") on indexes used as benchmarks in financial instruments and financial contracts or to measure the performance of investment funds ("**Benchmark/s**" or "**Index**" or "**Indices**") aims to establish a common framework to ensure the accuracy and integrity of Indexes used as Benchmarks in the EU. Article 27(1) of the BMR requires index administrators to publish a statement for any Benchmark or, where applicable, for any family of Benchmarks if it may be used in the EU ("**Benchmark Statement**"). The Benchmark Statement is a document that is aimed at helping users of an Index to

understand the market or economic reality that the Index or family of Indices seeks to measure, the sources of its input data, the reliability of the index in times of market stress and its susceptibility to manipulation.

This Benchmark Statement refers to a range of documents, policies and procedures available from MVIS website at www.mvis-indices.com or on request to info@mvis-indices.com.

A. Index Description of the MVIS Sector Indices Family

	Reference in BMR	Description of Requirement	MVIS Reaction and Measures
	General		
1	Date of publication and last update RTS* Article 1 No. 1(a)	The benchmark statement shall state the date of publication and the date of its last update.	Date of original Benchmark Statement – April 2018. Last update – December 2020
2	1.2 Review of Benchmark Statement RTS Article 1 No. 1(a)	The administrator shall review and, where necessary, update the benchmark statement for each benchmark or family of benchmarks in the event of any changes to the information to be provided under this Article and at least every two years.	MVIS will review this Benchmark Statement periodically and at least once every two years or in due course, where material changes to the information herein become necessary.
3	1.3 Use of ISIN	A Benchmark Statement for a family of	The ISIN together with many further identifiers and index parameters is available

RTS Article 1 No. 1(b) Indices shall include a reference to a place where the ISINs are publicly accessible free of charge. on www.MVIS-indices.com below the tab “Specifications/Identifiers”.

4 1.4 Contributions of input data
RTS Article 1 No. 1(c) The benchmark statement shall state whether the benchmark or at least one benchmark in the family of benchmarks is determined using contributions of input data. The MVIS Sector Indices Family does not use contributions of input data.

5 1.5 Type of Benchmark
RTS Article 1 No. 1(d) The benchmark statement shall state whether the benchmark qualifies as one of the types of benchmarks listed under Title III of the BMR. The MVIS Sector Indices Family qualifies as a family of Benchmarks that consists solely of non-significant Benchmarks according to number 27 of Article 3 (1) of the BMR. Accordingly, the MVIS Sector Indices Family does not qualify as a family of regulated-data benchmarks, interest rate Benchmarks, commodity Benchmarks, critical Benchmark, significant Benchmarks nor a variety of these.

Content

6 2.1 Market reality RTS Article 1 No. 2(a), (b)	In order to define the market or economic reality the Benchmark Statement shall include the following information:	The Indices of the MVIS Sector Indices Family refer to strictly rules based determinations of markets as described in the Index Guide for “MVIS Global Equity Indices”. The following indices are EU Climate Transition Benchmarks, EU Paris-aligned Benchmarks, benchmarks that pursue ESG objectives or benchmarks that take into account ESG factors: MVFOF and MVSPC. All other indices within the Sector Indices Family do not apply ESG factors in its selection and weighting methodology.
	<ul style="list-style-type: none">- A general description of the market or economic reality;- The geographical boundaries, if any, of the market or economic reality.	<ol style="list-style-type: none">1. MVIS Australia A-Reits (AUD)<ul style="list-style-type: none">- Currency: AUD- Approach: Pure-Play- Potential market participants: Australia incorporated or active REITS with an Australian listing.- Geographical boundaries: Must be listed in Australia and either incorporated or with significant activities there,- Full market capitalisation: 119bln AUD- Investable market capitalisation: 82bln AUD- Number of constituents of the eligible universe: 24- Number of constituents of the Index: 15

2. MVIS Australia Banks (AUD)
 - Currency: AUD
 - Approach: Pure-Play
 - Potential market participants: Australia incorporated or active Banks with an Australian listing
 - Geographical boundaries: Must be listed in Australia and either incorporated or with significant activities there,
 - Full market capitalisation: 413bln AUD
 - Investable market capitalisation: 371bln AUD
 - Number of constituents of the eligible universe: 7
 - Number of constituents of the Index: 7

3. MVIS Global Digital Asset Equity Index (Data as of Feb 26)
 - Currency: USD
 - Approach: Pure-Play (with exceptions)
 - Potential market participants: Companies involved in digital assets business.
 - Geographical boundaries: Global exposure.
 - Full market capitalisation: 1.4trn USD
 - Investable market capitalisation: 1.2trn USD
 - Number of constituents of the eligible universe: 25
 - Number of constituents of the Index: 25

4. MVIS Global Future of Food
 - Currency: USD
 - Approach: Global Thematic: Revenue Exposure

- Potential market participants: Companies involved in the organic or alternative meat/dairy products, precision agriculture or urban farming technology, or food flavors industries.
 - Geographical boundaries: Global exposure.
 - Full market capitalisation: 259.6bln USD
 - Investable market capitalisation: 170.7bln USD
 - Number of constituents of the eligible universe: 33
Number of constituents of the Index: 22
5. MVIS Global Gaming
- Currency: USD
 - Approach: Pure-Play
 - Potential market participants: Companies involved in gaming business.
 - Geographical boundaries: Global exposure.
 - Full market capitalisation: 416bln USD
 - Investable market capitalisation: 233bln USD
 - Number of constituents of the eligible universe: 66
Number of constituents of the Index: 40
6. MVIS Global Hydrogen Economy
- Currency: USD
 - Approach: Pure-Play (incl. exceptions)
 - Potential market participants: Companies involved in hydrogen economy.
 - Geographical boundaries: Global exposure.
 - Full market capitalisation: 345bln USD
 - Investable market capitalisation: 283bln USD
 - Number of constituents of the eligible universe: 26
Number of constituents of the Index: 26

7. MVIS Global Low Carbon Energy
 - Currency: USD
 - Approach: Pure-Play
 - Potential market participants: Companies involved with renewable sources of energy and reduction of energy consumption.
 - Geographical boundaries: Global exposure.
 - Full market capitalisation: 1.7trn USD
 - Investable market capitalisation: 1.2trn USD
 - Number of constituents of the eligible universe: 116
 - Number of constituents of the Index: 57

8. MVIS Global Space Industry
 - Currency: USD
 - Approach: Global Thematic: Revenue Exposure
 - Potential market participants: Companies involved in space travel or exploration, or satellite-based communication industries.
 - Geographical boundaries: Global exposure.
 - Full market capitalisation: 70.2blnUSD
 - Investable market capitalisation: 45.6bln USD
 - Number of constituents of the eligible universe: 25
 - Number of constituents of the Index: 25

9. MVIS Global Video Gaming & eSports
 - Currency: USD and AUD
 - Approach: Pure-Play
 - Potential market participants: Companies involved in video gaming and eSports.
 - Geographical boundaries: Global exposure.

- Full market capitalisation: 1.7trn USD
- Investable market capitalisation: 1.1trn USD
- Number of constituents of the eligible universe: 81
- Number of constituents of the Index: 25

10. MVIS US Business Development Companies

- Currency: USD
- Approach: Pure-Play
- Potential market participants: Companies classified as business development companies in the USA.
- Geographical boundaries: Must be listed and incorporated in the USA.
- Full market capitalisation: 37bln USD
- Investable market capitalisation: 34bln USD
- Number of constituents of the eligible universe: 28
- Number of constituents of the Index: 26

11. MVIS US Listed Biotech 25

- Currency: USD
- Approach: Pure-Play
- Potential market participants: Companies involved in biotech.
- Geographical boundaries: Global exposure. Stocks must be listed on a US exchange.
- Full market capitalisation: 748bln USD
- Investable market capitalisation: 484bln USD
- Number of constituents of the eligible universe: 50
- Number of constituents of the Index: 24

12. MVIS US Listed Pharmaceutical 25

- Currency: USD

- Approach: Pure-Play
- Potential market participants: Companies involved in the pharmaceutical industry.
- Geographical boundaries: Global exposure. Stocks must be listed on a US exchange.
- Full market capitalisation: 2.3trn USD
- Investable market capitalisation: 1.9trn USD
- Number of constituents of the eligible universe: 50
Number of constituents of the Index: 25

13. MVIS US Listed Retail 25

- Currency: USD
- Approach: Pure-Play
- Potential market participants: : Companies involved in retail.
- Geographical boundaries: Global exposure. Stocks must be listed on a US exchange.
- Full market capitalisation: 3.4trn USD
- Investable market capitalisation: 2.5trn USD
- Number of constituents of the eligible universe: 50
Number of constituents of the Index: 25

14. MVIS US Listed Semiconductor 10% Capped / 25

- Currency: USD
- Approach: Pure-Play
- Potential market participants: Companies involved in the semiconductor industry.
- Geographical boundaries: Global exposure. Stocks must be listed on a US exchange.
- Full market capitalisation: 2.6trn USD

- Investable market capitalisation: 2trn USD
- Number of constituents of the eligible universe: 50
Number of constituents of the Index: 25

15. MVIS US Mortgage REITs

- Currency: USD
- Approach: Pure-Play
- Potential market participants: US listed real estate investment trusts active in mortgages.
- Geographical boundaries: Must be listed and incorporated in the USA.
- Full market capitalisation: 60bln USD
- Investable market capitalisation: 48bln USD
- Number of constituents of the eligible universe: 31
Number of constituents of the Index: 25

16. BlueStar Artificial Intelligence Index

- Currency: USD
- Approach: Global Thematic: Product offering
- Potential market participants: Companies whose products or services incorporate artificial intelligence
- Geographic boundaries: Global exposure. Stocks listed on exchanges in hard to access markets may not be eligible for this index, as defined in the index guide.
- Full market capitalisation: 8.1trn USD
- Investable market capitalisation: 6.3trn USD
- Number of constituents of the eligible universe: 85
- Number of constituents of the Index: 85

17. BlueStar Asia Technology Index

- Currency: USD
- Approach: Global Thematic: Product Offering
- Potential market participants: Companies must be incorporated in South East Asian Emerging Markets, China or Hong Kong and involved in the technology or biotechnology industries.
- Geographical boundaries: Global exposure. Stocks listed on exchanges in hard to access markets may not be eligible for this index, as defined in the index guide.
- Full market capitalisation: 3.7trn USD
- Investable market capitalisation: 2.5trn USD
- Number of constituents of the eligible universe: 86
- Number of constituents of the Index: 86

18. BlueStar Asia Travel and Vacation Index

- Currency: USD
- Approach: Global Thematic: Revenue Exposure
- Potential market participants: Companies must be incorporated or headquartered in an Asian country and involved in the travel industry.
- Geographical boundaries: Stocks must be listed in their respective local market or in the USA/London IOB as depository receipts.
- Full market capitalisation: 370.3bln USD
- Investable market capitalisation: 182.2bln USD
- Number of constituents of the eligible universe: 45
- Number of constituents of the Index: 45

19. BlueStar Autonomous Driving Index

- Currency: USD
- Approach: Global Thematic: Product Offering

- Potential market participants: Companies whose products and services are related to the autonomous driving and connected vehicles industries
- Geographic boundaries: Global exposure. Stocks listed on exchanges in hard to access markets may not be eligible for this index, as defined in the index guide.
- Full market capitalisation: 5.9trn USD
- Investable market capitalisation: 4.3trn USD
- Number of constituents of the eligible universe: 79
- Number of constituents of the Index: 79

20. BlueStar Big Data & Analytics

- Currency: USD
- Approach: Global Thematic: Product Offering
- Potential market participants: Companies must be involved in the 'Big Data' business.
- Geographical boundaries: Global exposure. Stocks listed on exchanges in hard to access markets may not be eligible for this index, as defined in the index guide.
- Full market capitalisation: 354bln USD
- Investable market capitalisation: 300bln USD
- Number of constituents of the eligible universe: 29
- Number of constituents of the Index: 29

21. BlueStar China Internet Software Index

- Currency: USD
- Approach: Global Thematic: Product Offering
- Potential market participants: Companies must be incorporated in China or Hong Kong and offer internet-based services.

- Geographical boundaries: Global exposure. Stocks listed on exchanges in hard to access markets may not be eligible for this index, as defined in the index guide.
- Full market capitalisation: 2.2trn USD
- Investable market capitalisation: 1.4trn USD
- Number of constituents of the eligible universe: 39
- Number of constituents of the Index: 39

22. BlueStar China Mainland Consumer 50 Index

- Currency: USD
- Approach: Pure-Play
- Potential market participants: Companies must be incorporated in China and involved in the consumer staples or consumer discretionary sectors.
- Geographical boundaries: Stocks must be listed on an exchange in mainland China.
- Full market capitalisation: 1.8trn USD
- Investable market capitalisation: 845bln USD
- Number of constituents of the eligible universe: 137
- Number of constituents of the Index: 50

23. BlueStar Data Center and Logistics Real Estate Index

- Currency: USD
- Approach: Pure-Play
- Potential market participants: Companies must be involved in the operation or ownership of real estate facilities used for logistics/warehousing or data centers.
- Geographical boundaries: Global exposure. Stocks listed on exchanges in hard to access markets may not be eligible for this index, as defined in the index guide.

- Full market capitalisation: 387bln USD
- Investable market capitalisation: 271bln USD
- Number of constituents of the eligible universe: 40
- Number of constituents of the Index: 40

24. BlueStar E-Brokers and Trading Platforms Index

- Currency: USD
- Approach: Pure-Play
- Potential market participants: Companies involved in online securities brokerage, market making, or digital asset capital markets industries.
- Geographical boundaries: Global exposure. Stocks listed on exchanges in hard to access markets may not be eligible for this index, as defined in the index guide.
- Full market capitalisation: 113.5bln USD
- Investable market capitalisation: 77.5bln USD
- Number of constituents of the eligible universe: 15
- Number of constituents of the Index: 15

25. BlueStar E-Commerce, Payments, and Logistics Index

- Currency: USD
- Approach: Global Thematic: Revenue Exposure
- Potential market participants: Companies involved in e-commerce, payments and logistics.
- Geographical boundaries: Global exposure. Stocks listed on exchanges in hard to access markets may not be eligible for this index, as defined in the index guide.
- Full market capitalisation: 3.8trn USD
- Investable market capitalisation: 2.7trn USD
- Number of constituents of the eligible universe: 46

- Number of constituents of the Index: 46

26. BlueStar E-Commerce US Leaders Index

- Currency: USD
- Approach: Global Thematic: Product Offering
- Potential market participants: Companies must be incorporated in the US and involved in the online retail industry
- Geographical boundaries: Must be listed and incorporated in the US.
- Full market capitalisation: 5.2trn USD
- Investable market capitalisation: 3.9trn USD
- Number of constituents of the eligible universe: 85
- Number of constituents of the Index: 85

27. BlueStar E-Games Index

- Currency: USD
- Approach: Global Thematic: Revenue Exposure and Product Offering
- Potential market participants: Companies involved in the video game, e-sports, and online gambling industries
- Geographical boundaries: Global exposure. Stocks listed on exchanges in hard to access markets may not be eligible for this index, as defined in the index guide.
- Full market capitalisation: 3.5trn USD
- Investable market capitalisation: 2.6trn USD
- Number of constituents of the eligible universe: 54
- Number of constituents of the Index: 54

28. BlueStar E-Healthcare Index

- Currency: USD
- Approach: Pure-Play

- Potential market participants: Companies involved in the video game, e-sports, and online gambling industries
- Geographical boundaries: Global exposure. Stocks listed on exchanges in hard to access markets may not be eligible for this index, as defined in the index guide.
- Full market capitalisation: 3.5trn USD
- Investable market capitalisation: 2.6trn USD
- Number of constituents of the eligible universe: 54
- Number of constituents of the Index: 54

29. BlueStar Electric Vehicle Industry Index

- Currency: USD
- Approach: Pure-Play
- Potential market participants: Companies involved in the e-healthcare industry.
- Geographical boundaries: Global exposure. Stocks listed on exchanges in hard to access markets may not be eligible for this index, as defined in the index guide.
- Full market capitalisation: 342bln USD
- Investable market capitalisation: 193bln USD
- Number of constituents of the eligible universe: 35
- Number of constituents of the Index: 35

30. BlueStar Europe Travel and Vacation Index

- Currency: EUR
- Approach: Global Thematic: Revenue Exposure
- Potential market participants: Companies must be involved in the travel industry.
- Geographical boundaries: Stocks must be listed on an exchange in Europe. Stocks listed on exchanges in hard to access markets may not be eligible for

this index, as defined in the index guide.

- Full market capitalisation: 114bln EUR
- Investable market capitalisation: 97bln EUR
- Number of constituents of the eligible universe: 25
- Number of constituents of the Index: 25

31. BlueStar 5G Communications Index

- Currency: USD
- Approach: Global Thematic: Product Offering
- Potential market participants: Companies involved in mobile communications industry
- Geographical boundaries: Must be listed in the US
- Full market capitalisation: 6.8trn USD
- Investable market capitalisation: 5.2trn USD
- Number of constituents of the eligible universe: 78
- Number of constituents of the Index: 78

32. BlueStar Fintech Index

- Currency: USD
- Approach: Global Thematic: Revenue Exposure
- Potential market participants: Companies involved in mobile payments, electronic transaction processing, and financial or accounting technology.
- Geographical boundaries: Global exposure. Stocks listed on exchanges in hard to access markets may not be eligible for this index, as defined in the index guide.
- Full market capitalisation: 2.2trn USD
- Investable market capitalisation: 1.6trn USD
- Number of constituents of the eligible universe: 67
- Number of constituents of the Index: 67

33. BlueStar Genomic Health Care Index

- Currency: USD
- Approach: Global Thematic: Revenue Exposure
- Potential market participants: Companies involved in developing genetics-based healthcare therapies or technologies.
- Geographical boundaries: Global exposure. Stocks listed on exchanges in hard to access markets may not be eligible for this index, as defined in the index guide.
- Full market capitalisation: 474bln USD
- Investable market capitalisation: 295bln USD
- Number of constituents of the eligible universe: 65
- Number of constituents of the Index: 65

34. BlueStar Global 5G Connectivity Index

- Currency: USD
- Approach: Global Thematic: Product Offering
- Potential market participants: Companies involved in mobile communications industry.
- Geographical boundaries: Global exposure. Stocks listed on exchanges in hard to access markets may not be eligible for this index, as defined in the index guide.
- Full market capitalisation: 5.2trn USD
- Investable market capitalisation: 3,9trn USD
- Number of constituents of the eligible universe: 85
- Number of constituents of the Index: 85

35. BlueStar Global E-Brokers and Digital Capital Markets Index

- Currency: USD
- Approach: Revenue Exposure

- Potential market participants: Companies involved in online securities brokerage, market making, or digital asset capital markets industries.
- Geographical boundaries: Global exposure.
- Full market capitalisation: 169.8bln USD
- Investable market capitalisation: 113bln USD
- Number of constituents of the eligible universe: 21
- Number of constituents of the Index: 21

36. BlueStar Global GreenTech Index

- Currency: USD
- Approach: Global Thematic: Product Offering
- Potential market participants: Companies must be involved in renewable energy, building materials, or waste management industries.
- Geographical boundaries: Global exposure. Stocks listed on exchanges in hard to access markets may not be eligible for this index, as defined in the index guide.
- Full market capitalisation: 1.6trn USD
- Investable market capitalisation: 1.1trn USD
- Number of constituents of the eligible universe: 85
- Number of constituents of the Index: 85

37. BlueStar Global Logistics Index

- Currency: EUR
- Approach: Global Thematic: Revenue Exposure and Product Offering
- Potential market participants: Companies involved in the logistics industry
- Geographical boundaries: Global exposure. Stocks listed on exchanges in hard to access markets may not be eligible for this index, as defined in the index guide.
- Full market capitalisation: 2.5trn USD

- Investable market capitalisation: 1.8trn USD
- Number of constituents of the eligible universe: 54
- Number of constituents of the Index: 54

38. BlueStar Global Logistics Benchmark Index

- Currency: EUR
- Approach: Global Thematic: Revenue Exposure and Product Offering
- Potential market participants: Companies involved in the logistics industry
- Geographical boundaries: Global exposure. Stocks listed on exchanges in hard to access markets may not be eligible for this index, as defined in the index guide.
- Full market capitalisation: 2.5trn USD
- Investable market capitalisation: 1.8trn USD
- Number of constituents of the eligible universe: 54
- Number of constituents of the Index: 54

39. BlueStar Hotels, Airlines and Cruises Index

- Currency: USD
- Approach: Pure-Play
- Potential market participants: Companies whose activities are in the passenger airlines, hotels and resorts (excl. motel chains) and/or cruise industries.
- Geographical boundaries: Global exposure. Stocks listed on exchanges in hard to access markets may not be eligible for this index, as defined in the index guide.
- Full market capitalisation: 382bln USD
- Investable market capitalisation: 268bln USD
- Number of constituents of the eligible universe: 58
- Number of constituents of the Index: 40

40. BlueStar Hydrogen and NextGen Fuel Cell Index

- Currency: USD
- Approach: Pure-Play (incl. exceptions)
- Potential market participants: Companies involved in hydrogen energy and fuel cell industries.
- Geographical boundaries: Global exposure. Stocks listed on exchanges in hard to access markets may not be eligible for this index, as defined in the index guide.
- Full market capitalisation: 325.91bIn USD
- Investable market capitalisation: 257.69bIn USD
- Number of constituents of the eligible universe: 25
- Number of constituents of the Index: 25

41. BlueStar Israel Global Technology Index

- Currency: USD
- Approach: Global Thematic: Product Offering
- Potential market participants: Companies must be incorporated, head quartered or with significant operations in Israel and involved in technology, biotechnology, renewable energy, or defense technology industries.
- Geographical boundaries: Global exposure. Stocks listed on exchanges in hard to access markets may not be eligible for this index, as defined in the index guide.
- Full market capitalisation: 188bIn USD
- Investable market capitalisation: 134bIn USD
- Number of constituents of the eligible universe: 59
- Number of constituents of the Index: 59

42. BlueStar Machine Learning and Quantum Computing Index

- Currency: USD
- Approach: Global Thematic: Product Offering
- Potential market participants: Companies involved in the development of technology related to machine learning or quantum computing.
- Geographical boundaries: Global exposure. Stocks listed on exchanges in hard to access markets may not be eligible for this index, as defined in the index guide.
- Full market capitalisation: 7.2trn USD
- Investable market capitalisation: 5.8trn USD
- Number of constituents of the eligible universe: 72
- Number of constituents of the Index: 72

43. BlueStar Quantum Computing and Machine Learning Index

- Currency: USD
- Approach: Global Thematic: Product Offering
- Potential market participants: Companies involved in the development of technology related to machine learning or quantum computing.
- Geographical boundaries: Global exposure. Stocks listed on exchanges in hard to access markets may not be eligible for this index, as defined in the index guide.
- Full market capitalisation: 7.2trn USD
- Investable market capitalisation: 5.8trn USD
- Number of constituents of the eligible universe: 72
- Number of constituents of the Index: 72

44. BlueStar Robotics Index

- Currency: USD
- Approach: Global Thematic: Revenue Exposure and Product Offering
- Potential market participants: Companies involved in the robotics and

industrial automation industries

- Geographical boundaries: Global exposure. Stocks listed on exchanges in hard to access markets may not be eligible for this index, as defined in the index guide.
- Full market capitalisation: 1.8trn USD
- Investable market capitalisation: 1.4trn USD
- Number of constituents of the eligible universe: 68
- Number of constituents of the Index: 68

45. BlueStar Solar Energy Industry Index

- Currency: USD
- Approach: Pure-Play
- Potential market participants: Companies involved in the solar energy industry.
- Geographical boundaries: Global exposure. Stocks listed on exchanges in hard to access markets may not be eligible for this index, as defined in the index guide.
- Full market capitalisation: 159bln USD
- Investable market capitalisation: 96bln USD
- Number of constituents of the eligible universe: 27
- Number of constituents of the Index: 27

46. BlueStar 3D Printing Index

- Currency: USD
- Approach: Global Thematic: Revenue Exposure
- Potential market participants: Companies involved in 3D printing industry.
- Geographical boundaries: Global exposure. Stocks listed on exchanges in hard to access markets may not be eligible for this index, as defined in the index guide.

- Full market capitalisation: 174bln USD
- Investable market capitalisation: 134bln USD
- Number of constituents of the eligible universe: 20
- Number of constituents of the Index: 10

47. BlueStar Top 10 US Banks Index

- Currency: USD
- Approach: Pure-Play
- Potential market participants: Companies involved in the banking, market making or institutional wealth management industries.
- Geographical boundaries: Must be listed in the US
- Full market capitalisation: 1.3trn USD
- Investable market capitalisation: 1.1trn USD
- Number of constituents of the eligible universe: 20
- Number of constituents of the Index: 10

48. BlueStar Top 10 US Listed Alternative Asset Managers Index

- Currency: USD
- Approach: Pure-Play
- Potential market participants: Companies involved in the management of investments in privately-held companies, real estate or infrastructure projects.
- Geographical boundaries: Must be listed in the US
- Full market capitalisation: 174.4 bln USD
- Investable market capitalisation: 160.2bln USD
- Number of constituents of the eligible universe: 40
- Number of constituents of the Index: 10

49. BlueStar Top 10 US Office REITs Index

- Currency: USD
- Approach: Pure-Play
- Potential market participants: Real Estate Investment Trusts that focus on office buildings.
- Geographical boundaries: Companies must be listed on a US exchange, and domiciled, Incorporated or headquarters in the US.
- Full market capitalisation: 78.9bln USD
- Investable market capitalisation: 76.9bln USD
- Number of constituents of the eligible universe: 24
- Number of constituents of the Index: 10

50. BlueStar Total Security Index

- Currency: USD
- Approach: Global Thematic:Revenue Exposure and Product Offering
- Potential market participants: Companies involved in the cyber security or defense industries.
- Geographical boundaries: Global exposure. Stocks listed on exchanges in hard to access markets may not be eligible for this index, as defined in the index guide.
- Full market capitalisation: 1.4trn USD
- Investable market capitalisation: 1trn USD
- Number of constituents of the eligible universe: 86
- Number of constituents of the Index: 86

51. BlueStar Travel & Vacation Index

- Currency: USD
- Approach: Global Thematic: Revenue Exposure
- Potential market participants: Companies involved in the travel industry.
- Geographical boundaries: Must be listed in the US

- Full market capitalisation: 919bln USD
 - Investable market capitalisation: 676bln USD
 - Number of constituents of the eligible universe: 51
 - Number of constituents of the Index: 51
52. BlueStar US Machine Learning and Quantum Computing Index
- Currency: USD
 - Approach: Global Thematic: Product Offering
 - Potential market participants: Companies involved in the development of technology related to machine learning or quantum computing.
 - Geographical boundaries: Must be listed in the US
 - Full market capitalisation: 6.3trn USD
 - Investable market capitalisation: 15.2trn USD
 - Number of constituents of the eligible universe: 41
 - Number of constituents of the Index: 41
53. BlueStar Wind Energy Industry Index
- Currency: USD
 - Approach: Pure-Play
 - Potential market participants: Companies involved in the wind energy industry.
 - Geographical boundaries: Global exposure. Stocks listed on exchanges in hard to access markets may not be eligible for this index, as defined in the index guide.
 - Full market capitalisation: 395bln USD
 - Investable market capitalisation: 288bln USD
 - Number of constituents of the eligible universe: 23
 - Number of constituents of the Index: 23

7	2.2. Potential Limitations RTS Article 1 No. 3 (a)	<p>The Benchmark Statement shall describe the potential limitations of each Index and circumstances in which the measurement of the market of economic reality may become unreliable. It shall include:</p> <ul style="list-style-type: none"> - A description of the circumstances in which the administrator would lack sufficient input data to determine the benchmark in accordance with the methodology. 	<p>There may be events outside the influence of MVIS that limit the availability of relevant input data for an Index. Examples for possible events are the temporary closure of a stock exchange, measures imposed by a governmental body, central bank or regulatory or monetary authority like sanctions or the prohibition to trade certain securities.</p> <p>MVIS policies and procedures consider such situations and provide for measures and steps to be taken to manage respective situations in the best interest of, on one side, the users of the relevant Index or family of Indices and, on the other side, the integrity of capital markets.</p> <p>The Index Guide of the relevant Index determines the kind of input data and the prices used for an Index. If a price is not available, the benchmark may cease to provide an accurate representation of the underlying economic reality because in these cases the last available closing price for the relevant constituent will be used to calculate the Index. This will also be the case if the relevant constituents continue to trade on venues that are not eligible for use by the relevant Index, or if they trade over-the counter.</p> <p>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.</p>
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8 2.2 Use of discretion
RTS Art. 1 No. 4

The Benchmark Statement shall describe the controls and rules that govern any exercise of judgement or discretion by the administrator or any contributors in calculating the Index.

It shall also include an outline of each step of the process for any ex post evaluation of the use of discretion, together with a clear indication of the position of any persons responsible for carrying out the evaluations.

The MVIS Sector Indices Family is administered based on strict rules and methodologies and allows very limited discretion of the administrator throughout the process determining the constituent of the index. No committee and/or individual has the power to exercise discretion if it comes to the selection of the components of an Index.

Only if 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 discretion according to the following rules that apply for all of MVIS Indices.

1. As the result of plausibility check of liquidity and size data, ownership structures, revenue and asset breakdowns, corporate action information, dividends, volatility and other secondary data is or appears to be inferior or different in different data sources; or
2. A situation is not covered by the index rules (for example: The number or constituents required by the Index rules is higher than the number of constituents selected according to the Index methodology)
3. The index operations team must analyse if the decision in which it uses discretion is required, appropriate, commensurable and in line with the respective index scope and objective and does reasonably consider in a balance way the interest of users, investors in related products and the integrity of the market.
4. Any decision involving material judgement or discretion and the reasoning must be documented and, in case of material decisions, the respective documentation must be provided to the Independent Oversight Function ("IOF"), senior management and compliance for prior approval of the relevant decision.
5. In case of material decisions, the Independent Oversight Function, senior management and Compliance check if the decision reasonably weights the different interest of the index users, the integrity of the market and other involved parties. It will also be reviewed if the suggested decision is

the least disadvantageous measure that equally considers the relevant interests best.

6. In order to avoid similar individual decisions on the use of data in similar cases for the future an update of the index rules, the change of input data sources or providers and/or own data research where possible and reasonable and other possible mitigation measures will be considered.

9 Index Methodology
Change
RTS Art. 1 No. 5

The Benchmark Statement shall specify the public consultation process that applies to any material changes of the Index methodology.

Significant changes and/or amendments to the methodology of an Index of the MVIS Sector Index Family will be subject to public consultation according to a respective MVIS procedure.

An intended change of the Index Methodology will only be published if the internal control and governance bodies including the relevant operations employee, senior management, the Independent Oversight Function and the Compliance Department, have approved it internally.

In case of material changes of the methodology of an Index an advance notice will be published and provided to users. MVIS will generally publicly disseminate a notification related to an Index Guide change 60 days prior to the change on its Website. A shorter period may be applied at MVIS discretion if either the relevant Index has not been licensed to a third party or if the index is not used for a registered financial product in the EU. The notice will describe a clear period 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 Methodology 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.

B. Additional Information for MVIS Indices

This Benchmark Statement is part of the entire Index documentation and framework and therefore refers to the documents in the following table. These documents are publicly available on www.mvis-indices.com. You may need to register in order to get access to the documents.

Privacy Policy	The privacy policy describes how MVIS deals with personal information of its customers, website visitors and other individuals.
Terms of Service	The Terms of Service define the way to register for Index Information and govern the use of Index data, the requirement to enter into licensing agreements for commercial use of the Indices and Index data, complaints handling and other elements of the relationship with users of the website and clients.
Index Guide	The Index Guide contains the relevant definitions of all key terms relating to the Indices (Article 27 (2) a) BMR). It also describes the Index methodology, key procedures and policies for the change of the Index Methodology and cessation of the Index, the use of discretion, the use of Input Data and the key rules for the Index calculation.
Factsheet	The Factsheet contains current information about Key Features, Index Data, Country and Size Weightings, Sector Weightings, Index Components and Symbols.

History The History of an Index means the historical pricing data that shows the value of the Index on a specific date in the past.

Components The Components document shows the current components of the index, incl. identifiers, prices, weighting factors, weights and the index divisor.

Review The latest Review document shows the latest changes during the last review. It shows which components were deleted or added to an Index and the weighting factors for the period until the next review is implemented.

Trading Calendar The Trading Calendar describes the non-dissemination days of the MVIS Indices for the current year.

Index Symbols The Index Symbols document shows the available Index identifiers as ISIN, Sedol, WKN, Bloomberg ticker and others.

C. Important Information and Disclaimer

MVIS reviews this Benchmark Statement on an ongoing basis, at least once every two years. In case of material changes to the methodology of an Index MVIS will make an appropriate and timely update of the Benchmark Statement to ensure that it remains correct, precise and complies with the current requirements of investors, Index users as well as rules and regulations.

MV Index Solutions GmbH is authorised and regulated by the German Federal Financial Services Supervisory Agency (Bundesanstalt für Finanzdienstleistungsaufsicht, BaFin) as a benchmark administrator.

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