

# ESG Index Derivatives MSCI Screened Indexes Futures & Options

February 2025

# Eurex product coverage

## ESG index methodologies and principles

| Index Composition Approach | Description  | EUREX Product Coverage <sup>2</sup> (Bloomberg Prod. Code)   |
|----------------------------|--|--|
| Negative Screening         | Excluding companies based on standardized/common exclusions screens such as tobacco, thermal coals, controversial weapons...etc. | STOXX Europe 600 ESG-X futures (FUEA) / options (SXXPESGX)   |
| Norms-Based Screening      | Excluding companies that are not in compliance with the United Nations Global Compact principles                                 | STOXX USA 500 ESG-X futures (QFCA)   |
| ESG Integration            | Incorporating ESG scores to enhance the risk-return profile of a benchmark index   | MSCI Screened futures (8 regions)/ options (4 regions) (HRLA, AUEA, UMEA, HRRA, HRWA, HRIA, HRYA, MU YA) |
| Positive Screening         | Inclusion of companies that show (relatively) the best performance on ESG criteria chosen by the index providers                 | DAX 50 ESG futures (XSDA) / options (DAXESGK)  |
| Green Bond Investing       | Active selection of <b>green bonds</b> according to the criteria set out by MSCI ESG research and Green Bond Principles          | STOXX Europe ESG Leaders Select 30 futures (AVSA)/ options (SEESGSEP)                                    |
| Climate Thematics          | Aim at reducing exposures to companies directly involved in fossil value chain or transition risk                                | EURO STOXX 50 ESG futures (XSSA) / options (SX5EESG)   |
|                            |  | STOXX Europe 600 SRI futures (CIEA)  |
|                            |  | MSCI SRI futures (4 regions) (CIWA, CIYA, CISA, CITA )   |
|                            |  | Bloomberg MSCI Euro Corporate SRI Index fut. (LXYA Index)  |
|                            |  | Bloomberg MSCI Global Green Bond Index fut. (LXAA Index)   |
|                            |  | EURO STOXX 50 Low Carbon futures (BCYA)  |
|                            |  | STOXX Europe Climate Impact futures <sup>3</sup> (FAEA)  |
|                            |  | MSCI ESG Enhanced Focus CTB futures (5 regions) (SJYA, SHRA, SHSA, FIFA, SHRA)                           |

Equity Index

FIXED INCOME Index

1) In this presentation, "derivatives on ESG indices" is often shorten as "ESG index derivatives" and are used interchangeably.

2) This is ordered by the main index methodology. All graphs are only used for illustrative purposes.

It is possible that certain indices could have multiple index composition approaches indicated on the left. Please refer to the Appendix for more information on index methodology.

3) The full name of the index tracked is STOXX® Europe Climate Impact Ex Global Compact Controversial Weapons & Tobacco Index Futures (FSCI)

# Eurex has strengthened its ESG offering by launching Derivatives on MSCI Screened Indexes

MSCI Screened Futures Products were launched on March 2, 2020



This Photo by Unknown Author is licensed under [CC BY-SA](#)

# ESG Exclusion (Screening) Criteria for MSCI World, EAFE, EM,EM Asia, Japan & USA (1/2)<sup>1</sup>

|   | Exclusion  |
|---|--|
| <b>UN Global Compact</b>                    | Companies that are not in compliance with the United Nations Global Compact principles   |
| <b>Screens on Very Severe Controversies</b> | The existing screens on Very Severe Controversies (i.e, companies with MSCI ESG Controversies Score of zero) and UN Global Compact will be applied on a monthly basis rather than quarterly, with an implementation as of the last business day of each month. |
| <b>Tobacco</b>                              | Companies classified as producers or deriving 5% or more aggregate revenue from production, distribution, retail and supply of tobacco-related products  |
| <b>Controversial weapons</b>                | Companies with ties to cluster bombs, landmines, depleted uranium weapons, chemical and biological weapons, blinding laser weapons, non-detectable fragments, incendiary weapons   |
| <b>Civilian Firearms</b>                    | Companies classified as producers of firearms and small arms ammunition for civilian market or deriving 5% or more revenue from distribution of firearms and small arms  |
| <b>Nuclear Weapons</b>                      | Companies connect with nuclear weapons: Manufacturers, providers of components or auxiliary services related to nuclear warheads and missiles; Assemblers of delivery platforms for nuclear weapons  |

1) ESG index methodology as provided by MSCI

# ESG Exclusion (Screening) Criteria for MSCI Screened Indices (2/2)<sup>1</sup>

|  | Exclusion  |
|--|--|
| <b>Thermal Coal</b>                      | Companies deriving 5% or more revenue from mining or thermal coal or 5% or more revenue from thermal coal based power generation                                       |
| <b>Oil Sands</b>                         | Companies deriving 5% or more revenue from oil sands extraction  |
| <b>Palm Oil</b>                          | Companies deriving 5% or more revenue from palm oil production   |
| <b>Arctic Oil &amp; Gas</b>              | Companies deriving 5% or more revenue from arctic oil & gas extraction   |
| <b>Controversy Thematic Indicators</b>   | Companies with a controversy score of 1 on the following indicators: “Environment – Land Use and Biodiversity Score” and “Environment – Supply Chain Management Score” |
| <b>Carbon intensity reduction target</b> | A carbon intensity reduction target of 30% will be applied to each MSCI Screened Index   |



# Derivatives on MSCI World Screened Index

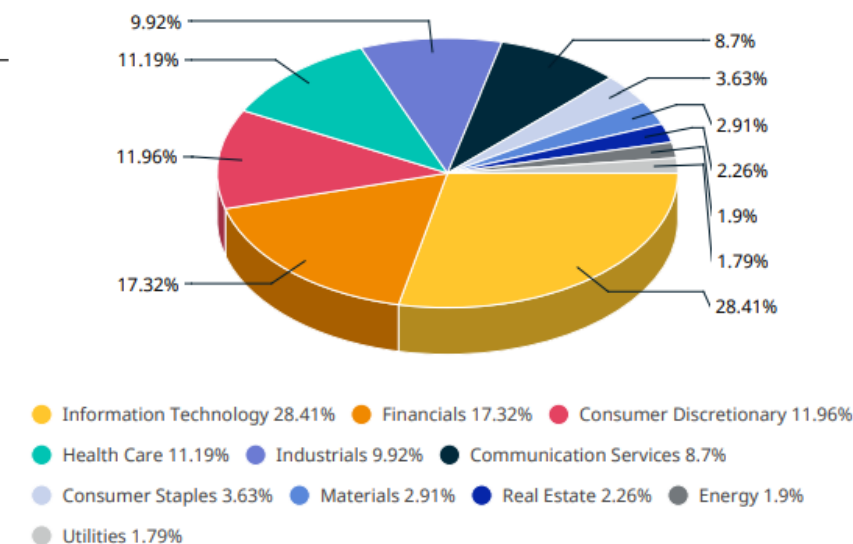
## CUMULATIVE INDEX PERFORMANCE – NET RETURNS (USD) (MAY 2012 – DEC 2024)



## ANNUAL PERFORMANCE (%)

| Year | MSCI World ESG Screened | MSCI World |
|------|-------------------------|------------|
| 2024 | 20.01                   | 18.67      |
| 2023 | 26.23                   | 23.79      |
| 2022 | -19.61                  | -18.14     |
| 2021 | 22.16                   | 21.82      |
| 2020 | 17.56                   | 15.90      |
| 2019 | 28.15                   | 27.67      |
| 2018 | -8.60                   | -8.71      |
| 2017 | 22.49                   | 22.40      |
| 2016 | 7.02                    | 7.51       |
| 2015 | -0.08                   | -0.87      |
| 2014 | 5.39                    | 4.94       |
| 2013 | 27.58                   | 26.68      |

## SECTOR WEIGHTS



## INDEX PERFORMANCE – NET RETURNS (%) (DEC 31, 2024)

|                         | 1 Mo  | 3 Mo  | 1 Yr  | YTD   | ANNUALIZED |       |       |       | Since May 31, 2012 |
|-------------------------|-------|-------|-------|-------|------------|-------|-------|-------|--------------------|
|                         |       |       |       |       | 3 Yr       | 5 Yr  | 10 Yr |       |                    |
| MSCI World ESG Screened | -2.31 | 0.42  | 20.01 | 20.01 | 6.79       | 11.83 | 10.37 | 11.97 |                    |
| MSCI World              | -2.61 | -0.16 | 18.67 | 18.67 | 6.34       | 11.17 | 9.95  | 11.51 |                    |

## FUNDAMENTALS (DEC 31, 2024)

| Div Yld (%) | P/E   | P/E Fwd | P/BV |
|-------------|-------|---------|------|
| 1.61        | 23.64 | 19.42   | 3.65 |
| 1.73        | 23.04 | 19.06   | 3.57 |

## INDEX RISK AND RETURN CHARACTERISTICS (MAY 31, 2012 – DEC 31, 2024)

|                         | Beta | Tracking Error (%) | Turnover (%) <sup>1</sup> | ANNUALIZED STD DEV (%) <sup>2</sup> |       |       | SHARPE RATIO <sup>2,3</sup> |      |       | Since May 31, 2012 | MAXIMUM DRAWDOWN |                       |
|-------------------------|------|--------------------|---------------------------|-------------------------------------|-------|-------|-----------------------------|------|-------|--------------------|------------------|-----------------------|
|                         |      |                    |                           | 3 Yr                                | 5 Yr  | 10 Yr | 3 Yr                        | 5 Yr | 10 Yr |                    | (%)              | Period YYYY-MM-DD     |
| MSCI World ESG Screened | 1.01 | 0.63               | 3.60                      | 17.26                               | 18.12 | 15.24 | 0.24                        | 0.57 | 0.61  | 0.77               | 33.69            | 2020-02-12–2020-03-23 |
| MSCI World              | 1.00 | 0.00               | 2.36                      | 16.88                               | 17.91 | 15.06 | 0.22                        | 0.55 | 0.59  | 0.75               | 34.03            | 2020-02-12–2020-03-23 |

<sup>1</sup> Last 12 months <sup>2</sup> Based on monthly net returns data <sup>3</sup> Based on NY FED Overnight SOFR from Sep 1 2021 & on ICE LIBOR 1M prior that date

# Derivatives on MSCI World Screened Index

## ESG Metrics<sup>1 2</sup>

### Combined ESG Factors

|                                | MSCI World Index | MSCI World Screened Index |
|--------------------------------|------------------|---------------------------|
| <b>Integration</b>             |                  |                           |
| ESG score                      | 6.8              | 6.9                       |
| ESG leaders (AAA-AA) %         | 46%              | 45.2%                     |
| ESG laggards (B) %             | 2.2%             | 2.5%                      |
| UN Global Compact Violations % | 0.0%             | 0.0%                      |
| Red Flag ESG Controversies %   | 0.1%             | 0.0%                      |

### Environmental Factors

|   | MSCI World Index | MSCI World Screened Index |
|---|------------------|---------------------------|
| <b>Integration</b>                            |                  |                           |
| Environmental Pillar Score                    | 6.1              | 6.3                       |
| Fossil Fuel-Based Sector Exposure (NACE) %    | 5.9%             | 3.9%                      |
| Enterprise Carbon Intensity (t CO2e/\$M EVIC) | 300              | 216                       |
| Reported Emissions %                          | 88.1%            | 88.8%                     |
| Estimated Emissions %                         | 11.5%            | 11.0%                     |
| Wtd Avg Carbon Intensity (t CO2e/\$M Sales)   | 752              | 576                       |
| High Climate Impact Sector Exposure %         | 58.4%            | 55.3%                     |
| Fossil Fuel Reserves %                        | 5.2%             | 2.9%                      |
| Green Revenue                                 | 9.3%             | 9.9%                      |
| Green Capex %                                 | 0.5%             | 0.4%                      |

### Social Factors

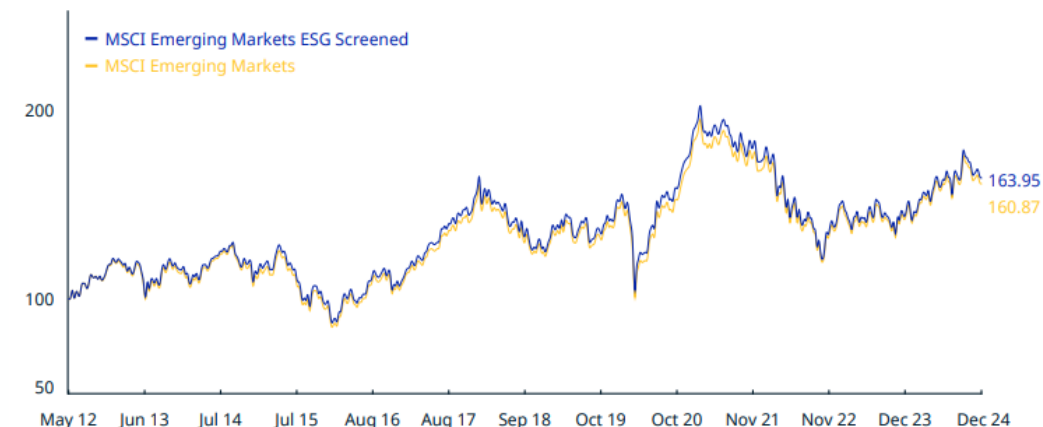
|  | MSCI World Index | MSCI World Screened Index |
|--|------------------|---------------------------|
| <b>Integration</b>                             |                  |                           |
| Social Pillar Score                            | 5.0              | 5.0                       |
| Controversial Weapons %                        | 0.5%             | 0.0%                      |
| Tobacco Involvement - Highly Restrictive %     | 0.7%             | 0.0%                      |
| Tobacco Involvement - Moderately Restrictive % | 0.6%             | 0.0%                      |
| Social Violations (Count)                      | 2                | 0                         |
| Social Violations (% of Constituents)          | 0.1%             | 0.0%                      |
| Bribery and Corruption Controversies (Sum)     | 0.1%             | 0.0%                      |

### Governance Factors

|                         | MSCI World Index | MSCI World Screened Index |
|-------------------------|------------------|---------------------------|
| <b>Integration</b>      |                  |                           |
| Governance Pillar Score | 5.7              | 5.7                       |
| Board Independence      | 80.9%            | 80.4%                     |
| Board Gender Diversity  | 36.1%            | 36.0%                     |

# Derivatives on MSCI EM Screened Index

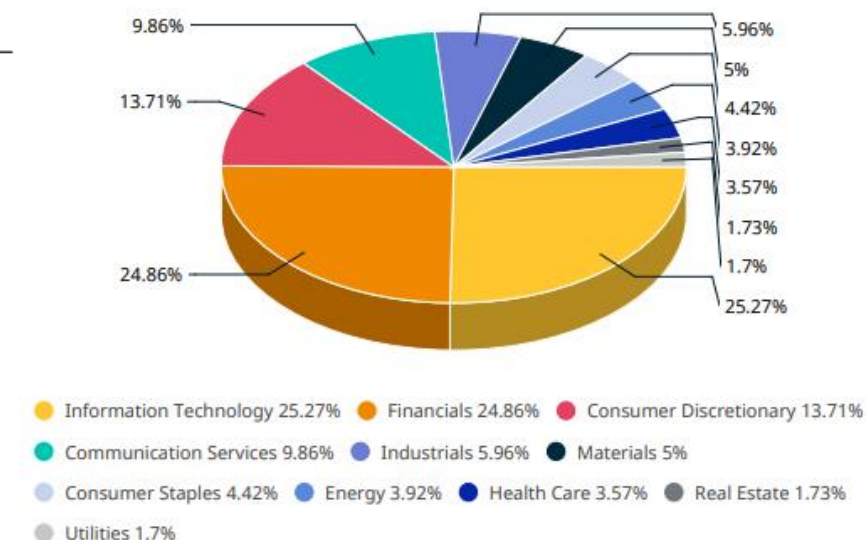
## CUMULATIVE INDEX PERFORMANCE – NET RETURNS (USD) (MAY 2012 – DEC 2024)



## ANNUAL PERFORMANCE (%)

| Year | MSCI Emerging Markets ESG Screened | MSCI Emerging Markets |
|------|------------------------------------|-----------------------|
| 2024 | 8.26                               | 7.50                  |
| 2023 | 9.50                               | 9.83                  |
| 2022 | -21.09                             | -20.09                |
| 2021 | -3.08                              | -2.54                 |
| 2020 | 19.25                              | 18.31                 |
| 2019 | 19.06                              | 18.42                 |
| 2018 | -15.16                             | -14.57                |
| 2017 | 38.25                              | 37.28                 |
| 2016 | 10.35                              | 11.19                 |
| 2015 | -14.48                             | -14.92                |
| 2014 | -1.58                              | -2.19                 |
| 2013 | -1.58                              | -2.60                 |

## SECTOR WEIGHTS



## INDEX PERFORMANCE – NET RETURNS (%) (DEC 31, 2024)

|                                    | ANNUALIZED |       |      |      |       |      |       | Since May 31, 2012 |
|------------------------------------|------------|-------|------|------|-------|------|-------|--------------------|
|                                    | 1 Mo       | 3 Mo  | 1 Yr | YTD  | 3 Yr  | 5 Yr | 10 Yr |                    |
| MSCI Emerging Markets ESG Screened | 0.03       | -7.74 | 8.26 | 8.26 | -2.20 | 1.57 | 3.60  | 4.00               |
| MSCI Emerging Markets              | -0.14      | -8.01 | 7.50 | 7.50 | -1.92 | 1.70 | 3.64  | 3.85               |

## FUNDAMENTALS (DEC 31, 2024)

|                                    | Div Yld (%) | P/E   | P/E Fwd | P/BV |
|------------------------------------|-------------|-------|---------|------|
| MSCI Emerging Markets ESG Screened | 2.55        | 15.80 | 12.05   | 1.84 |
| MSCI Emerging Markets              | 2.64        | 15.43 | 11.91   | 1.80 |

## INDEX RISK AND RETURN CHARACTERISTICS (MAY 31, 2012 – DEC 31, 2024)

|                                    | Beta | Tracking Error (%) <sup>1</sup> | Turnover (%) <sup>1</sup> | ANNUALIZED STD DEV (%) <sup>2</sup> |       |       | SHARPE RATIO <sup>2,3</sup> |      |       | Since May 31, 2012 | MAXIMUM DRAWDOWN (%) | Period YYYY-MM-DD     |
|------------------------------------|------|---------------------------------|---------------------------|-------------------------------------|-------|-------|-----------------------------|------|-------|--------------------|----------------------|-----------------------|
|                                    |      |                                 |                           | 3 Yr                                | 5 Yr  | 10 Yr | 3 Yr                        | 5 Yr | 10 Yr |                    |                      |                       |
| MSCI Emerging Markets ESG Screened | 1.00 | 0.63                            | 6.07                      | 17.89                               | 18.47 | 17.16 | -0.26                       | 0.04 | 0.19  | 0.23               | 40.33                | 2021-02-17–2022-10-24 |
| MSCI Emerging Markets              | 1.00 | 0.00                            | 5.64                      | 17.75                               | 18.50 | 17.13 | -0.24                       | 0.05 | 0.19  | 0.22               | 39.00                | 2021-02-17–2022-10-24 |

<sup>1</sup> Last 12 months

<sup>2</sup> Based on monthly net returns data

<sup>3</sup> Based on NY FED Overnight SOFR from Sep 1 2021 & on ICE LIBOR 1M prior that date



# Derivatives on MSCI EM Screened Index

## ESG Metrics<sup>1 2</sup>

### Combined ESG Factors

|                                | MSCI EM Index | MSCI EM Screened Index |
|--------------------------------|---------------|------------------------|
| <b>Integration</b>             |               |                        |
| ESG score                      | 5.9           | 6.0                    |
| ESG leaders (AAA-AA) %         | 33.7%         | 34.9%                  |
| ESG laggards (B-CCC) %         | 9.9%          | 8.5%                   |
| UN Global Compact Violations % | 0.9%          | 0.0%                   |
| Red Flag ESG Controversies %   | 0.9%          | 0.0%                   |

### Environmental Factors

|   | MSCI EM Index | MSCI EM Screened Index |
|---|---------------|------------------------|
| <b>Integration</b>                            |               |                        |
| Environmental Pillar Score                    | 5.5           | 5.5                    |
| Fossil Fuel-Based Sector Exposure (NACE) %    | 9.3%          | 7.9%                   |
| Enterprise Carbon Intensity (t CO2e/\$M EVIC) | 557           | 398                    |
| Reported Emissions %                          | 88.7%         | 88.5%                  |
| Estimated Emissions %                         | 11.2%         | 11.4%                  |
| Wtd Avg Carbon Intensity (t CO2e/\$M Sales)   | 1222          | 916                    |
| High Climate Impact Sector Exposure %         | 58.5%         | 56.8%                  |
| Fossil Fuel Reserves %                        | 5.8%          | 4.3%                   |
| Green Revenue                                 | 3.9%          | 3.8%                   |
| Green Capex %                                 | 0.3%          | 0.1%                   |

### Social Factors

|  | MSCI EM Index | MSCI EM Screened Index |
|--|---------------|------------------------|
| <b>Integration</b>                             |               |                        |
| Social Pillar Score                            | 5.2           | 5.3                    |
| Controversial Weapons %                        | 0.6%          | 0.0%                   |
| Tobacco Involvement - Highly Restrictive %     | 0.4%          | 0.0%                   |
| Tobacco Involvement - Moderately Restrictive % | 0.4%          | 0.0%                   |
| Social Violations (Count)                      | 13            | 0                      |
| Social Violations (% of Constituents)          | 1.0%          | 0.0%                   |
| Bribery and Corruption Controversies (Sum)     | 65            | 53                     |

### Governance Factors

|                          | MSCI EM Index | MSCI EM Screened Index |
|--------------------------|---------------|------------------------|
| <b>Integration</b>       |               |                        |
| Governance Pillar Score  | 4.8           | 4.8                    |
| Board Independence %     | 61.4%         | 61.5%                  |
| Board Gender Diversity % | 20.1%         | 20.3%                  |

# Derivatives on MSCI USA Screened Index

## CUMULATIVE INDEX PERFORMANCE – NET RETURNS (USD)

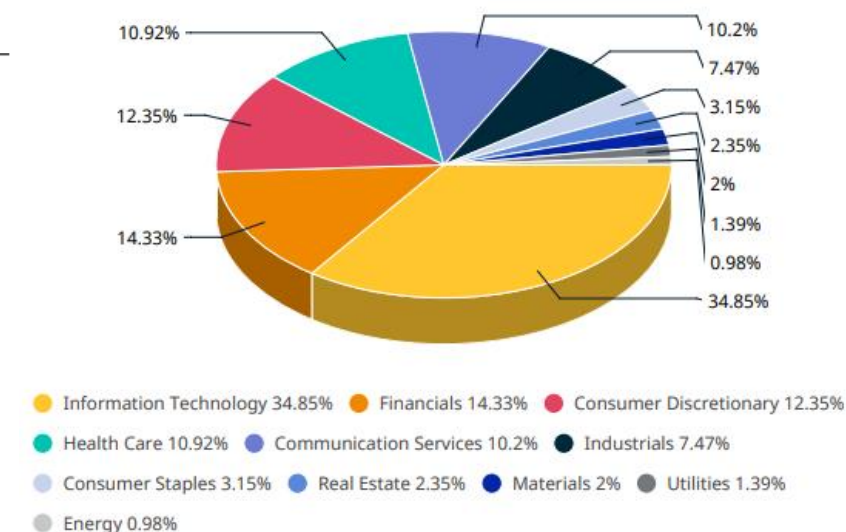
(MAY 2012 – DEC 2024)



## ANNUAL PERFORMANCE (%)

| Year | MSCI USA ESG Screened | MSCI USA |
|------|-----------------------|----------|
| 2024 | 26.06                 | 24.58    |
| 2023 | 29.64                 | 26.49    |
| 2022 | -21.14                | -19.85   |
| 2021 | 27.14                 | 26.45    |
| 2020 | 22.20                 | 20.73    |
| 2019 | 31.29                 | 30.88    |
| 2018 | -4.69                 | -5.04    |
| 2017 | 21.17                 | 21.19    |
| 2016 | 10.72                 | 10.89    |
| 2015 | 1.48                  | 0.69     |
| 2014 | 13.20                 | 12.69    |
| 2013 | 32.41                 | 31.79    |

## SECTOR WEIGHTS



## INDEX PERFORMANCE – NET RETURNS (%) (DEC 31, 2024)

|                       | 1 Mo  | 3 Mo | 1 Yr  | YTD   | ANNUALIZED |       |       |                    |
|-----------------------|-------|------|-------|-------|------------|-------|-------|--------------------|
|                       |       |      |       |       | 3 Yr       | 5 Yr  | 10 Yr | Since May 31, 2012 |
| MSCI USA ESG Screened | -2.23 | 3.32 | 26.06 | 26.06 | 8.83       | 14.90 | 13.06 | 14.67              |
| MSCI USA              | -2.58 | 2.69 | 24.58 | 24.58 | 8.10       | 14.03 | 12.48 | 14.14              |

## FUNDAMENTALS (DEC 31, 2024)

| Div Yld (%) | P/E   | P/E Fwd | P/BV |
|-------------|-------|---------|------|
| 1.13        | 28.99 | 22.49   | 5.40 |
| 1.27        | 27.84 | 21.91   | 5.13 |

## INDEX RISK AND RETURN CHARACTERISTICS (MAY 31, 2012 – DEC 31, 2024)

|                       | Beta | Tracking Error (%) <sup>1</sup> | Turnover (%) <sup>1</sup> | ANNUALIZED STD DEV (%) <sup>2</sup> |       |       | SHARPE RATIO <sup>2,3</sup> |      |       | Since May 31, 2012 | MAXIMUM DRAWDOWN (%) | Period YYYY-MM-DD     |
|-----------------------|------|---------------------------------|---------------------------|-------------------------------------|-------|-------|-----------------------------|------|-------|--------------------|----------------------|-----------------------|
|                       |      |                                 |                           | 3 Yr                                | 5 Yr  | 10 Yr | 3 Yr                        | 5 Yr | 10 Yr |                    |                      |                       |
| MSCI USA ESG Screened | 1.01 | 0.69                            | 3.31                      | 18.07                               | 18.85 | 15.83 | 0.35                        | 0.70 | 0.74  | 0.92               | 33.95                | 2020-02-19–2020-03-23 |
| MSCI USA              | 1.00 | 0.00                            | 2.06                      | 17.64                               | 18.54 | 15.57 | 0.31                        | 0.67 | 0.72  | 0.90               | 34.16                | 2020-02-19–2020-03-23 |

<sup>1</sup> Last 12 months <sup>2</sup> Based on monthly net returns data <sup>3</sup> Based on NY FED Overnight SOFR from Sep 1 2021 & on ICE LIBOR 1M prior that date

# Derivatives on MSCI USA Screened Index

## ESG Metrics<sup>1 2</sup>

### Combined ESG Factors

|                                | MSCI USA Index | MSCI USA Screened Index |
|--------------------------------|----------------|-------------------------|
| <b>Integration</b>             |                |                         |
| ESG score                      | 6.5            | 6.5                     |
| ESG leaders (AAA-AA) %         | 37.9%          | 37.9%                   |
| ESG laggards (B) %             | 2.9%           | 3.4%                    |
| UN Global Compact Violations % | 0.0%           | 0.0%                    |
| Red Flag ESG Controversies %   | 0.0%           | 0.0%                    |

### Environmental Factors

|   | MSCI USA Index | MSCI USA Screened Index |
|---|----------------|-------------------------|
| <b>Integration</b>                            |                |                         |
| Environmental Pillar Score                    | 6.1            | 6.3                     |
| Fossil Fuel-Based Sector Exposure (NACE) %    | 4.4%           | 2.3%                    |
| Enterprise Carbon Intensity (t CO2e/\$M EVIC) | 214            | 136                     |
| Reported Emissions %                          | 87.5%          | 88.1%                   |
| Estimated Emissions %                         | 12.2%          | 11.6%                   |
| Wtd Avg Carbon Intensity (t CO2e/\$M Sales)   | 660            | 494                     |
| High Climate Impact Sector Exposure %         | 57.5%          | 54.5%                   |
| Fossil Fuel Reserves %                        | 4.1%           | 1.6%                    |
| Green Revenue                                 | 11.1%          | 11.9%                   |
| Green Capex %                                 | 0.2%           | 0.1%                    |

### Social Factors

|  | MSCI USA Index | MSCI USA Screened Index |
|--|----------------|-------------------------|
| <b>Integration</b>                             |                |                         |
| Social Pillar Score                            | 5.0            | 5.0                     |
| Controversial Weapons %                        | 0.6%           | 0.0%                    |
| Tobacco Involvement - Highly Restrictive %     | 0.6%           | 0.0%                    |
| Tobacco Involvement - Moderately Restrictive % | 0.5%           | 0.0%                    |
| Social Violations (Count)                      | 1              | 0                       |
| Social Violations (% of Constituents)          | 0.2%           | 0.0%                    |
| Bribery and Corruption Controversies (Sum)     | 26             | 22                      |

### Governance Factors

|                          | MSCI USA Index | MSCI USA Screened Index |
|--------------------------|----------------|-------------------------|
| <b>Integration</b>       |                |                         |
| Governance Pillar Score  | 5.4            | 5.4                     |
| Board Independence %     | 82.4%          | 81.9%                   |
| Board Gender Diversity % | 35.7%          | 35.6%                   |

# Derivatives on MSCI Europe Screened Index

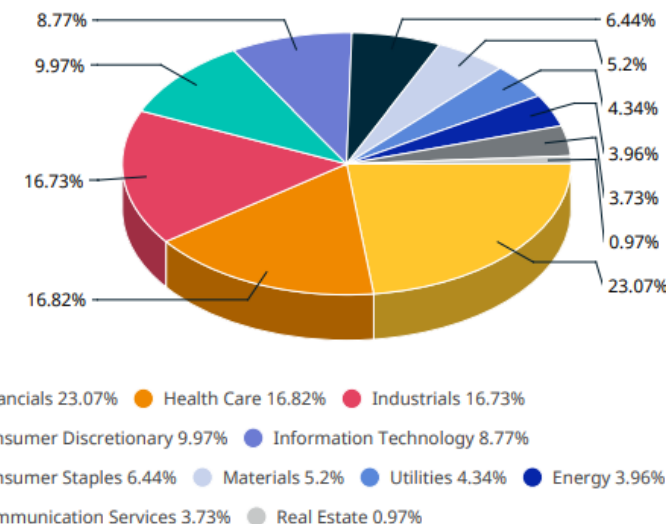
## CUMULATIVE INDEX PERFORMANCE – NET RETURNS (EUR) (MAY 2012 – DEC 2024)



## ANNUAL PERFORMANCE (%)

| Year | MSCI Europe ESG Screened | MSCI Europe |
|------|--------------------------|-------------|
| 2024 | 9.00                     | 8.59        |
| 2023 | 17.67                    | 15.83       |
| 2022 | -11.60                   | -9.49       |
| 2021 | 24.77                    | 25.13       |
| 2020 | -1.70                    | -3.32       |
| 2019 | 25.99                    | 26.05       |
| 2018 | -10.99                   | -10.57      |
| 2017 | 10.11                    | 10.24       |
| 2016 | 1.23                     | 2.58        |
| 2015 | 9.40                     | 8.22        |
| 2014 | 7.09                     | 6.84        |
| 2013 | 21.39                    | 19.82       |

## SECTOR WEIGHTS



## INDEX PERFORMANCE – NET RETURNS (%) (DEC 31, 2024)

|                          | 1 Mo  | 3 Mo  | 1 Yr | YTD  | ANNUALIZED |      |       |                    | Since May 31, 2012 |
|--------------------------|-------|-------|------|------|------------|------|-------|--------------------|--------------------|
|                          |       |       |      |      | 3 Yr       | 5 Yr | 10 Yr | Since May 31, 2012 |                    |
| MSCI Europe ESG Screened | -0.40 | -2.75 | 9.00 | 9.00 | 4.27       | 6.82 | 6.64  | 8.92               |                    |
| MSCI Europe              | -0.49 | -2.72 | 8.59 | 8.59 | 4.41       | 6.61 | 6.63  | 8.71               |                    |

## FUNDAMENTALS (DEC 31, 2024)

|                          | Div Yld (%) | P/E   | P/E Fwd | P/BV |
|--------------------------|-------------|-------|---------|------|
| MSCI Europe ESG Screened | 3.22        | 14.58 | 13.14   | 2.02 |
| MSCI Europe              | 3.26        | 14.66 | 13.17   | 2.04 |

## INDEX RISK AND RETURN CHARACTERISTICS (MAY 31, 2012 – DEC 31, 2024)

|                          | Beta | Tracking Error (%) | Turnover (%) <sup>1</sup> | ANNUALIZED STD DEV (%) <sup>2</sup> |       |       | SHARPE RATIO <sup>2,3</sup> |      |       | Since May 31, 2012 | MAXIMUM DRAWDOWN (%) | Period YYYY-MM-DD     |
|--------------------------|------|--------------------|---------------------------|-------------------------------------|-------|-------|-----------------------------|------|-------|--------------------|----------------------|-----------------------|
|                          |      |                    |                           | 3 Yr                                | 5 Yr  | 10 Yr | 3 Yr                        | 5 Yr | 10 Yr |                    |                      |                       |
| MSCI Europe ESG Screened | 1.00 | 0.88               | 3.86                      | 13.36                               | 15.49 | 14.01 | 0.21                        | 0.43 | 0.50  | 0.70               | 34.67                | 2020-02-19–2020-03-18 |
| MSCI Europe              | 1.00 | 0.00               | 3.43                      | 12.99                               | 15.52 | 13.99 | 0.22                        | 0.42 | 0.50  | 0.68               | 35.25                | 2020-02-19–2020-03-18 |

<sup>1</sup> Last 12 months

<sup>2</sup> Based on monthly net returns data

<sup>3</sup> Based on EMMI EURIBOR 1M from Sep 1 2021 & on ICE LIBOR 1M prior that date

# MSCI - Product Specifications ESG Derivatives

|                              | Benchmark Futures                 |                         |                           |                          |                            |                             | ESG Futures                         |                                  |                                    |                                   |                                     |   |  |   |   |  |                                       |                                      |                                   | ESG Options                           |                                  |                                   |                                     | Options on ETFs                                       |  |   |  |
|------------------------------|-----------------------------------|-------------------------|---------------------------|--------------------------|----------------------------|-----------------------------|-------------------------------------|----------------------------------|------------------------------------|-----------------------------------|-------------------------------------|---|--|---|---|--|---------------------------------------|--------------------------------------|-----------------------------------|---------------------------------------|----------------------------------|-----------------------------------|-------------------------------------|---|--|---|--|
|                              | MSCI World                        | MSCI EM                 | MSCI EAFE                 | MSCI USA                 | MSCI Japan                 | MSCI Europe                 | MSCI World Screened                 | MSCI EM Screened                 | MSCI EAFE Screened                 | MSCI USA Screened                 | MSCI Japan Screened                 | MSCI World ESG Enhanced Focus CTB                 | MSCI EM ESG Enhanced Focus CTB                               | MSCI Japan ESG Enhanced Focus CTB                 | MSCI USA ESG Enhanced Focus CTB                 | MSCI Europe ESG Enhanced Focus CTB                 | MSCI EM Asia Screened                 | MSCI Europe Screened                 | MSCI EMU Screened                 | MSCI EM Asia Screened                 | MSCI EM Screened                 | MSCI USA Screened                 | MSCI World Screened                 | iShares MSCI World ESG Enhanced UCITS                 | iShares MSCI EM ESG Enhanced UCITS                 | iShares MSCI USA ESG Enhanced UCITS                 | iShares MSCI Europe ESG Enhanced UCITS                 |
| EUREX Product Code           | FMWO                              | FMEM                    | FMFA                      | FMUS                     | FMJP                       | FMEU                        | FMSW                                | FMSM                             | FMSF                               | FMSU                              | FMSJ                                | FMFW  | FMFE   | FMFJ  | FMFU  | FMFO   | FMSS                                  | FMSR                                 | FMSO                              | OMSS                                  | OMSM                             | OMSU                              | OMSW                                | EEWD  | EEDM   | EEDS  | EMNU   |
| Currency                     | USD                               |                         |                           | EUR                      |                            |                             | USD                                 |                                  |                                    | EUR                               |                                     |   | USD  | EUR   | EUR   | USD  | USD                                   | EUR                                  | EUR                               | USD                                   | USD                              | USD                               | USD                                 | USD   |  | EUR   |  |
| Index Type                   | NTR                               |                         |                           |                          |                            |                             |                                     |                                  |                                    |                                   |                                     |   |  |   |   |  |                                       |                                      |                                   |                                       |                                  |                                   |                                     |   |  |   |  |
| Bloomberg Prod. Code         | ZWPA                              | ZTSA                    | FFAA                      | ZSOA                     | FMIA                       | ZRPA                        | HRLA                                | HRRA                             | HRWA                               | HRIA                              | HRYA                                | SJYA  | SHRA   | SHWA  | SICA  | SHSA   | MUYA                                  | AUEA                                 | UMEA                              | -                                     | -                                | -                                 | -                                   | EEWD LN   | EEDM LN  | EEDS LN   | EMNU GY  |
| Bloomberg Index Code         | NDDUWI                            | NDUEEGF                 | NDDUEAFE                  | NDDUUS                   | NDDUJN                     | MSDEE15N                    | NU721415                            | NU728007                         | NU728974                           | NU721417                          | NU721420                            | NU723911  | NU723916   | NU723913  | NU723912  | NE723914   | NU733561                              | NE721416                             | NE721421                          | NU733353                              | NU728007                         | NU721417                          | NU721415                            | EEWD LN   | EEDM LN  | EEDS LN   | EMNU GY  |
| Reuters Product Code         | 0#FMWO                            | 0#FMEM                  | 0#FMFA                    | 0#FMUS                   | 0#FMJP                     | 0#FMEU                      | 0#FMSW                              | 0#FMSM                           | 0#FMSF                             | 0#FMSU                            | 0#FMSJ                              | 0#FMFW  | 0#FMFE   | 0#FMFJ  | 0#FMFU  | 0#FMFO   | 0#FMSS                                | 0#FMSR                               | 0#FMSSO                           | 0#OMSS                                | 0#OMSM                           | 0#OMSU                            | 0#OMSW                              | EEWD.L  | EEDM.L   | EEDS.L  | EMNU.DE  |
| Contract months              | Up to 36 months; quarterly months |                         |                           |                          |                            |                             |                                     |                                  |                                    |                                   |                                     |   |  |   |   |  |                                       |                                      |                                   |                                       |                                  |                                   |                                     |   |  |   |  |
| Multiplier                   | 10                                | 100                     | 10                        | 10                       | 10                         | 100                         | 10                                  | 10                               | 10                                 | 10                                | 10                                  | 10  | 10   | 10  | 10  | 10   | 20                                    | 10                                   | 10                                | 10                                    | 10                               | 10                                | 10                                  | 1000  | 1000   | 1000  | 1000   |
| Tick Size (order book)       | 1                                 | 0.1                     | 1                         | 1                        | 1                          | 0.05                        | 0.5                                 | 0.5                              | 0.5                                | 0.5                               | 0.5                                 | 0.5   | 0.5  | 0.5   | 0.5   | 0.5  | 0.5                                   | 0.5                                  | 0.5                               | 0.5                                   | 0.5                              | 0.5                               | 0.5                                 | 0.01  | 0.01   | 0.01  | 0.01   |
| Tick Value, in currency      | 10 USD                            | 10 USD                  | 10 USD                    | 10 USD                   | 10 USD                     | 5 EUR                       | 5 USD                               | 5 USD                            | 5 USD                              | 5 USD                             | 5 USD                               | 5 USD   | 5 USD  | 5 USD   | 5 USD   | 5 EUR  | 10 USD                                | 5 EUR                                | 5 EUR                             | 10 USD                                | 10 USD                           | 10 USD                            | 10 USD                              | 10 USD  | 10 USD   | 10 USD  | 10 EUR   |
| Minimum Block Trade          | 100                               | 50                      | 1                         | 10                       | 50                         | 250                         | 100                                 | 50                               | 50                                 | 100                               | 50                                  | 1   | 1  | 1   | 1   | 1  | 1                                     | 1                                    | 1                                 | 1                                     | 10                               | 10                                | 10                                  | 500   | 500  | 500   | 500  |
| Contract value, in currency* | 85K                               | 53K                     | 67K                       | 116K                     | 67K                        | 28K                         | 29K                                 | 15K                              | 20K                                | 38K                               | 20K                                 | 26K   | 14K  | 19K   | 34K   | 20K  | 38K                                   | 24K                                  | 24K                               | 17k                                   | 13k                              | 35k                               | 28k                                 | 7K  | 5K   | 8K  | 6K   |
| CFTC Approved                | Yes                               |                         |                           |                          |                            |                             |                                     |                                  |                                    |                                   |                                     |   |  |   |   |  | No                                    |                                      |                                   |                                       |                                  |                                   |                                     |   |  |   |  |
| Underlying Factsheet         | <a href="#">MSCI World</a>        | <a href="#">MSCI EM</a> | <a href="#">MSCI EAFE</a> | <a href="#">MSCI USA</a> | <a href="#">MSCI Japan</a> | <a href="#">MSCI Europe</a> | <a href="#">MSCI World Screened</a> | <a href="#">MSCI EM Screened</a> | <a href="#">MSCI EAFE Screened</a> | <a href="#">MSCI USA Screened</a> | <a href="#">MSCI Japan Screened</a> | <a href="#">MSCI World ESG Enhanced Focus CTB</a> | <a href="#">MSCI Emerging Markets ESG Enhanced Focus CTB</a> | <a href="#">MSCI Japan ESG Enhanced Focus CTB</a> | <a href="#">MSCI USA ESG Enhanced Focus CTB</a> | <a href="#">MSCI Europe ESG Enhanced Focus CTB</a> | <a href="#">MSCI EM Asia Screened</a> | <a href="#">MSCI Europe Screened</a> | <a href="#">MSCI EMU Screened</a> | <a href="#">MSCI EM Asia Screened</a> | <a href="#">MSCI EM Screened</a> | <a href="#">MSCI USA Screened</a> | <a href="#">MSCI World Screened</a> | <a href="#">iShares MSCI World ESG Enhanced UCITS</a> | <a href="#">iShares MSCI EM ESG Enhanced UCITS</a> | <a href="#">iShares MSCI USA ESG Enhanced UCITS</a> | <a href="#">iShares MSCI Europe ESG Enhanced UCITS</a> |



# Thank you!

# Disclaimer

© Eurex 2024

Deutsche Börse AG (“DBAG”), Clearstream Banking AG (“Clearstream”), Eurex Frankfurt AG (“Eurex”), Eurex Clearing AG (“Eurex Clearing”) and Eurex Repo GmbH (“Eurex Repo”) are corporate entities and are registered under German law. Eurex Global Derivatives AG is a corporate entity and is registered under Swiss law. Clearstream Banking S.A. is a corporate entity and is registered under Luxembourg law. Eurex Frankfurt AG is the administrating and operating institution of Eurex Deutschland. Eurex Deutschland is in the following also referred to as the “Eurex Exchange”.

All intellectual property, proprietary and other rights and interests in this publication and the subject matter hereof (other than certain trademarks and service marks listed below) are owned by DBAG or its affiliates and subsidiaries or used under authorization by their respective owners, including, without limitation, all patent, registered design, copyright, trademark and service mark rights. While reasonable care has been taken in the preparation of this publication to provide details that are accurate and not misleading at the time of publication DBAG, Clearstream, Eurex, Eurex Clearing, Eurex Repo as well as the Eurex Exchange and their respective subsidiaries, servants and agents (a) do not make any representations or warranties, whether express or implied, regarding the information contained herein, including, without limitation, with respect to (i) the methodological approach and principles of ESG index providers for the composition and sustainability assessment of their ESG indices and (ii) the actual composition of the indices, including without limitation any implied warranty of merchantability or fitness for a particular purpose or any warranty with respect to the accuracy, correctness, quality, completeness or timeliness of such information, and (b) shall not be responsible or liable for any third party’s use of any information contained herein under any circumstances, including, without limitation, in connection with actual trading or otherwise or for any errors or omissions contained in this publication.

This publication is published for information purposes only and shall not constitute investment advice respectively does not constitute an offer, solicitation or recommendation to acquire or dispose of any investment or to engage in any other transaction. This publication is not intended for solicitation purposes but only for use as general information. All descriptions, examples and calculations contained in this publication are for illustrative purposes only. Eurex and Eurex Clearing offer services directly to members of the Eurex Exchange respectively to clearing members of Eurex Clearing. Those who desire to trade any products available on the Eurex market or who desire to offer and sell any such products to others or who desire to possess a clearing license of Eurex Clearing to participate in the clearing process provided by Eurex Clearing, should consider legal and regulatory requirements of those jurisdictions relevant to them, as well as the risks associated with such products, before doing so. Only Eurex derivatives that are CFTC-approved may be traded via direct access in the United States or by United States persons. A complete, up-to-date list of Eurex derivatives that are CFTC-approved is available at: <https://www.eurex.com/ex-en/rules-regs/eurexderivatives-us/direct-market-access-from-the-us>. In addition, Eurex representatives and participants may familiarize U.S. Qualified Institutional Buyers (QIBs) and broker-dealers with certain eligible Eurex equity options and equity index options pursuant to the terms of the SEC’s July 1, 2013 Class No-Action Relief. A complete, up-to-date list of Eurex options that are eligible under the SEC Class No-Action Relief is available at: <https://www.eurex.com/ex-en/rules-regs/eurex-derivatives-us/eurex-options-in-the-us-for-eligible->

customers. Lastly, U.S. QIBs and broker-dealers trading on behalf of QIBs may trade certain single-security futures and narrow-based security index futures subject to terms and conditions of the SEC’s Exchange Act Release No. 60,194 (June 30, 2009), 74 Fed. Reg. 32,200 (July 7, 2009) and the CFTC’s Division of Clearing and Intermediary Oversight Advisory Concerning the Offer and Sale of Foreign Security Futures Products to Customers Located in the United States (June 8, 2010). Trademarks and Service Marks Buxl®, DAX®, DivDAX®, eb.rexx®, Eurex®, Eurex Repo®, Strategy Wizard®, Euro GC®, FDAX®, FWB®, GC Pooling®, CPI®, MDAX®, ODAX®, SDAX®, TecDAX®, USD GC Pooling®, VDAX®, VDAX-NEW® and Xetra® are registered trademarks of DBAG or its affiliates and subsidiaries. MSCI®, EAFE®, ACWI® and all MSCI indexes (the “Indexes”), the data included therein, and service marks included therein are the intellectual property of MSCI Inc., its affiliates and/or their licensors (together, the “MSCI Parties”). The Indexes are provided “as is” and the user assumes the entire risk of any use it may make or permit to be made of the Indexes. No MSCI Party warrants or guarantees the originality, accuracy and/or completeness of the Indexes and each expressly disclaims all express or implied warranties. No MSCI Party shall have any liability for any errors or omissions in connection with any of the Indexes, or any liability for any direct, indirect, special, punitive, consequential or any other damages (including lost profits) even if notified of the possibility of such damages. For full disclaimer see [msci.com/disclaimer](https://www.msci.com/disclaimer). ATX®, ATX® five, CECE® and RDX® are registered trademarks of Vienna Stock Exchange AG. IPD® UK Quarterly Indexes are registered trademarks of Investment Property Databank Ltd. IPD and have been licensed for the use by Eurex for derivatives. SLI®, SMI® and SMIM® are registered trademarks of SIX Swiss Exchange AG. The STOXX® indexes, the data included therein and the trademarks used in the index names are the intellectual property of STOXX Limited and/or its licensors. Eurex derivatives based on the STOXX® indexes are in no way sponsored, endorsed, sold or promoted by STOXX and its licensors and neither STOXX nor its licensors shall have any liability with respect thereto. PCS® and Property Claim Services® are registered trademarks of ISO Services, Inc. Korea Exchange, KRX, KOSPI and KOSPI 200 are registered trademarks of Korea Exchange Inc. The names of other companies and thirdparty products may be trademarks or service marks of their respective owners. FTSE® is a trademark of the London Stock Exchange Group companies and is used by FTSE International Limited under license. The names of other companies and third-party products may be trademarks or service marks of their respective owners. PRIIPs: Eurex Deutschland qualifies as manufacturer of packaged retail and insurance-based investment products (PRIIPs) under Regulation (EU) No 1286/2014 on key information documents for packaged retail and insurance-based investment products (PRIIPs Regulation) and provides key information documents (KIDs) covering PRIIPs traded on Eurex Deutschland on its website under the following link: <https://www.eurex.com/ex-en/rules-regs/priips-kids>. In addition, according to Art. 14(1) PRIIPs Regulation the person advising on, or selling, a PRIIP shall provide the KID to retail investors free of charge.