

ESG Index Derivatives

MSCI ESG Enhanced Focus CTB Index

Futures

December 2024

Eurex product coverage

ESG index methodologies and principles

| Index Composition Approach | Description | EUREX Product Coverage ² (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 ESG Screened futures (8 regions)/ options (4 regions) (HRLA, AUEA, UMEA, HRRR, HRWA, HRIA, HRYA, MUYA) |
| 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 green bonds 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 ³ (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 ESG Enhanced Focus CTB Indexes



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ESG Enhanced Focus Index CTB Methodology

Universe

- MSCI World Index
- MSCI Europe Index
- MSCI USA Index
- MSCI EM Index
- MSCI Japan Index

Weighting

Sector/country weights are constrained to +/-5% from the sector/country weights of the Parent Index¹⁾
Security weight in proportion to the Parent Index²⁾

Maintenance

Quarterly rebalancing and review

Selection

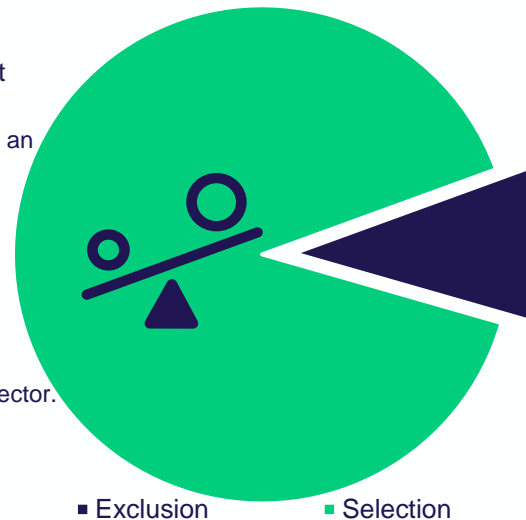
Through an optimization process that aims to maximize exposure to ESG factors for a target tracking error budget and incorporate the minimum standards of the EU Climate Transition Benchmark (CTB).

Index Type Net Total return

Key characteristics of parent index are maintained

- **Tracking Error Constraint³⁾**
- **Minimum Constituent Weight:** Constituent weight in the Screened Parent
- **Targeted Carbon Emission:**
 - Reduce the weighted average greenhouse gas intensity by 30% and by 7% on an annualized basis
 - Reduce the weighted average potential emissions intensity by 30%
 - Have at least **equivalent ratio of weighted average “Green Revenues”** to weighted average **“Fossil Fuels-based Revenues”** as that of the underlying investment universe
 - **Increase the weight of companies with credible carbon reduction targets** through the weighting scheme.
 - Be **sector-diversified** and **target companies** with high ESG ratings in each sector.

Target: Maximize exposure to positive environmental, social and governance factors while maintaining risk and return characteristics similar to parent index



Exclusion Criteria (more details next slide)

- Involvement with:
 - Thermal coal and unconventional oil and gas extraction
 - Weapons (controversial, nuclear weapons, civilian firearms, conventional weapons)
 - Tobacco
- Non-compliance with the United Nations Global Compact principles
- ESG Controversy Score = 0 (,Red Flag‘) Environment Controversiy Score = 0 or 1⁴⁾
- Additional
 - Turnover cap of 10% for SAIR and 8% for QIR

1) For countries with less than 2.5% weight in the Parent Index, the upper bound of country weight in the MSCI ESG Enhanced Focus CTB Index is set at three times of the country's weight in the Parent Index.
 2) Minimum(Security Weight in the Screened Parent +2%, 3 times Security Weight in the Screened Parent), Maximum(Minimum Security Weight in Screened Parent, 0.5 times Security Weight in the Screened Parent)
 3) Subject to a predicted tracking error target (0.75% for World, Japan, Europe, 1.0% for EM, 0.6% for USA)
 4) MSCI ESG Controversies - <https://www.msci.com/documents/10199/acbe7c8a-a4e4-49de-9cf8-5e957245b86b>

ESG Exclusion (Screening) Criteria for MSCI ESG Enhanced Focus CTB Indices (1/2)¹

| | Exclusion |
|---|--|
| UN Global Compact | MSCI ESG Global Norms Screening is designed to help investors determine which publicly traded companies breach the standards of conduct enumerated by the United Nations Global Compact Principles, the United Nations Guiding Principles on Business and Human Rights, and the ILO Conventions. All companies determined as failing to comply with the UNGC principles are excluded |
| Screens on Very Severe Controversies | 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 |
| Tobacco | Companies classified as producer or deriving 5% or more aggregate revenue from production, distribution, retail and supply of tobacco-related products |
| Controversial weapons | Companies with ties to cluster munitions, landmines, depleted uranium weapons, biological/chemical weapons, blinding lasers, non-detectable fragments and incendiary weapons |
| Civilian Firearms | Companies classified as producer of firearms and small arms ammunition for civilian market. Companies deriving 5% or more revenue from the distribution of firearms and small arms |
| Nuclear Weapons | 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

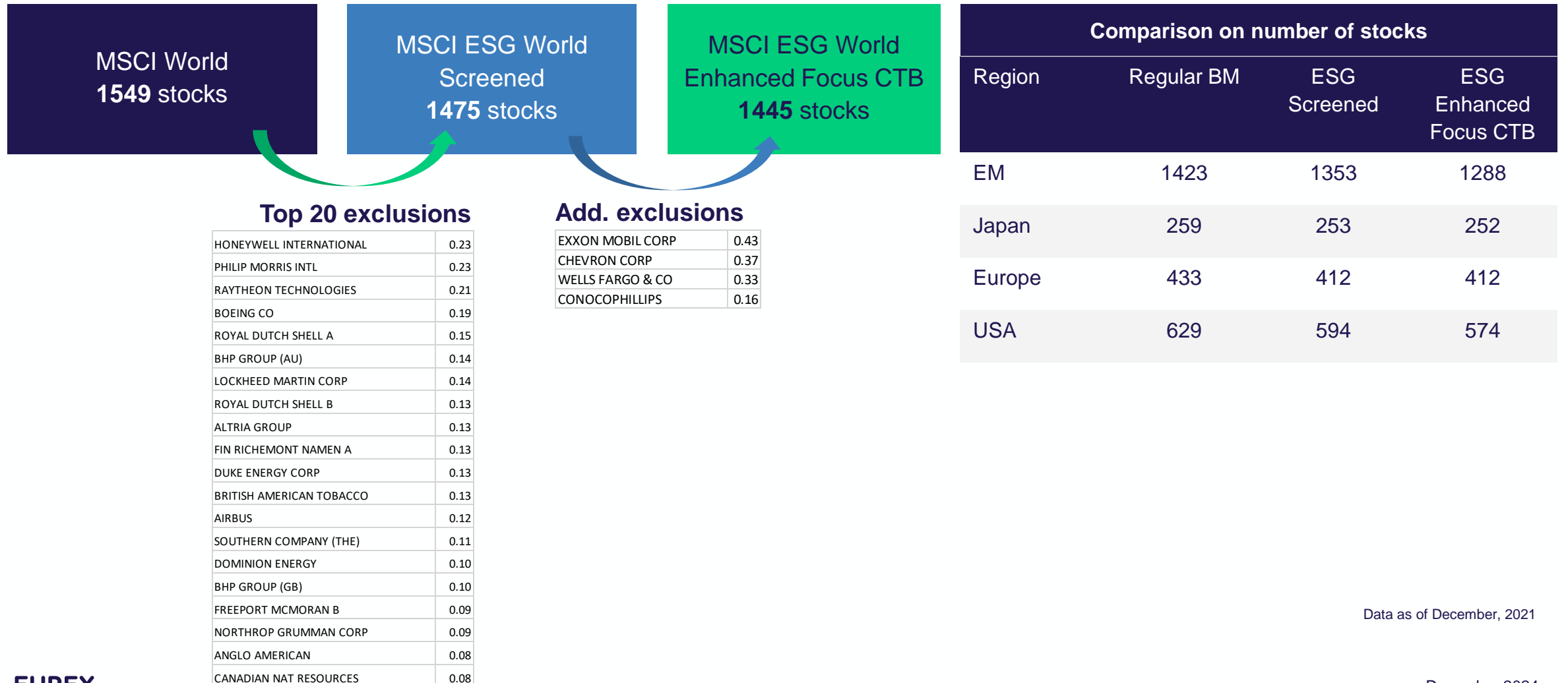
ESG Exclusion (Screening) Criteria for MSCI ESG Enhanced Focus CTB Indices (1/2)¹

| | Exclusion |
|--|--|
| Thermal Coal | Companies deriving 5% or more revenue from the mining of thermal coal and its sale to external parties. It excludes: revenue from metallurgical coal; coal mined for internal power generation intra-company sales of mined thermal coal; and revenue from coal trading. Companies deriving 5% or more revenue from the thermal coal based power generation. |
| Oil Sands | Companies deriving 5% or more revenue from oil sands extraction |
| Palm Oil | Companies deriving 5% or more revenue from palm oil production |
| Arctic Oil & Gas | Companies deriving 5% or more revenue from arctic oil & gas extraction |
| Controversy Thematic Indicators | Companies with a controversy score of 1 on the following indicators: “Environment – Land Use and Biodiversity Score” and “Environment – Supply Chain Management Score” |
| Carbon intensity reduction target | A carbon intensity reduction target of 30% will be applied to each MSCI ESG Screened Index |

1) ESG index methodology as provided by MSCI

MSCI ESG Enhanced Focus CTB Index

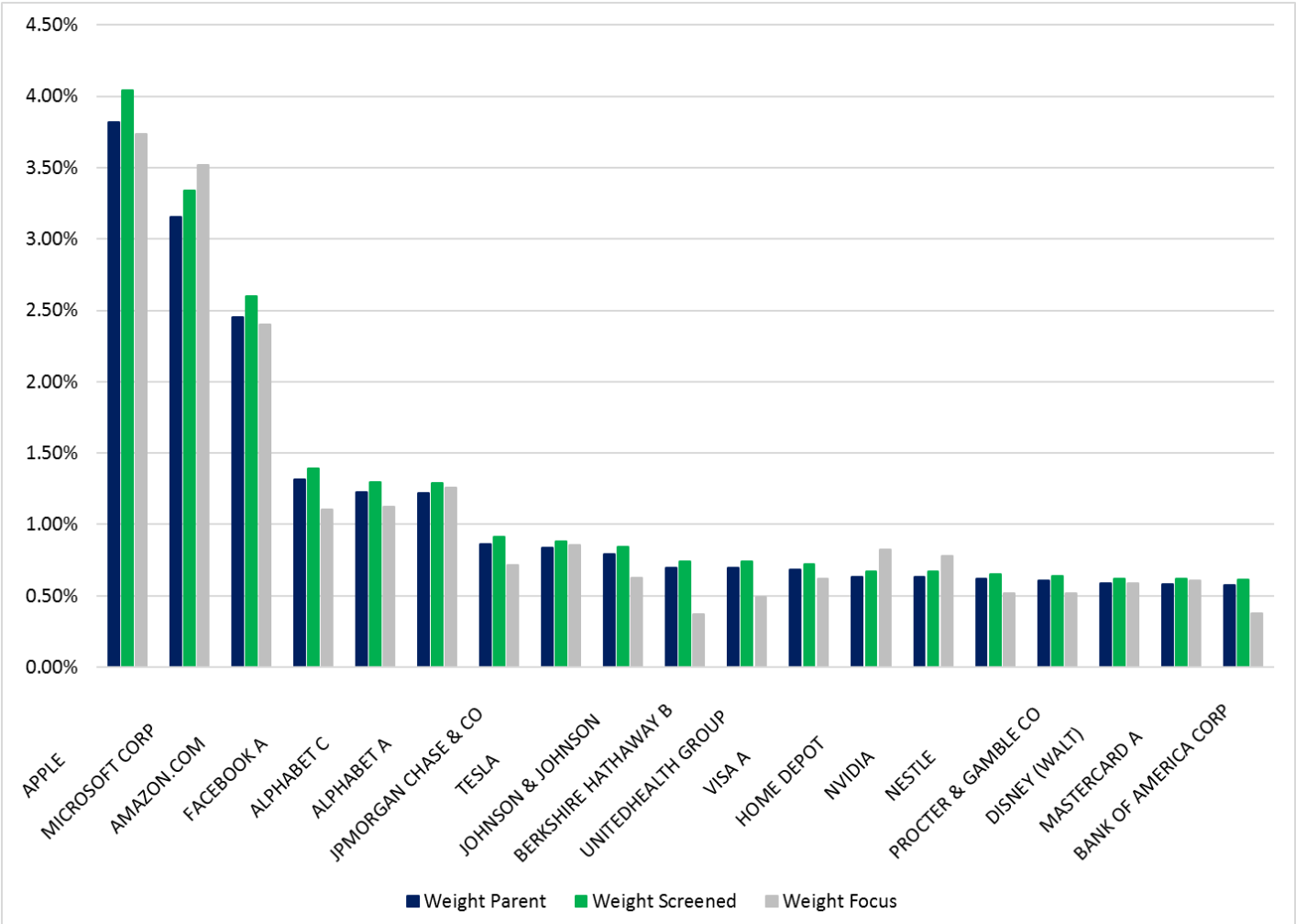
MSCI exclusion comparison



Data as of December, 2021

MSCI ESG Enhanced Focus CTB Index

MSCI World – Weighting comparison



- Weightings in screened are all higher than in Parent index, as it is same weighting methodology, but less stocks
- For Enhanced Focus, the weighting can be higher or lower than in Parent index
- The weighting differences can be substantial: certain weights in the Enhanced Focus are between -75% and +200% different towards screened

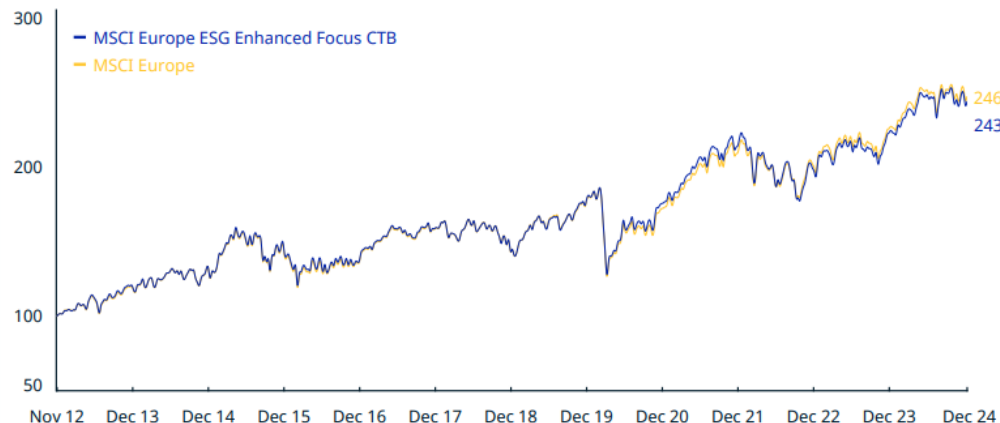
ESG Enhanced Focus CTB Index methodology

| Parameters / Index | | MSCI ESG Enhanced Focus CTB* |
|--|---------------------------------------|---|
| Index Objective | | Designed to maximize its exposure to positive environmental, social and governance (ESG) factors while reducing the carbon equivalent exposure to carbon dioxide (CO2) and other greenhouse gases (GHG) as well as its exposure to potential emissions risk of fossil fuel reserves by thirty percent (30%) |
| Selection (Optimization + Screens) | | <ul style="list-style-type: none"> Utilizes optimization with an aim to maximize exposure to high ESG ratings for a specific tracking error target Screens: Tobacco, Controversial Weapons, Thermal Coal, Civilian Firearms, Nuclear Weapons, Unconventional Oil and Gas, ESG Red Flags, Missing ESG Controversy Score, ESG Score or ESG Rating & Companies failing to comply with UN Global compact principles* |
| Screened Parent | | <ul style="list-style-type: none"> The Screened Parent is constructed by excluding securities from Parent Index based on the exclusion criteria as per screens. The security weights are then normalized to 100%. |
| Key characteristics of parent index are maintained | Tracking Error Constraint | <ul style="list-style-type: none"> Subject to a predicted tracking error target (0.75% for World, Japan, EMU, Europe, 1.0% for EM and 0.6% for USA) |
| | Sector Weights | <ul style="list-style-type: none"> Sector weights are constrained to +/-5% from the sector weights of the Parent Index |
| | Country Weights | <ul style="list-style-type: none"> Country weights are constrained to +/-5% from country weights of the Parent Index* |
| | Security Weight Upper Bound | <ul style="list-style-type: none"> Minimum (Security Weight in the Screened Parent +2%, 5 times Security Weight in the Screened Parent) |
| | Security Weight Lower Bound | <ul style="list-style-type: none"> Maximum (Minimum Security Weight in Screened Parent, 0.25 times Security Weight in the Screened Parent) |
| | Minimum Constituent Weight | <ul style="list-style-type: none"> Minimum constituent weight in the Screened Parent |
| | Turnover | <ul style="list-style-type: none"> Turnover cap of 10% for SAIR and 8% for QIR as part of optimization constraints |
| | Transition & Physical Risk Objectives | <ul style="list-style-type: none"> Greenhouse Gas (GHG) Intensity (Scope 1+2+3) 30% to parent index (Minimum average reduction of 7% per annum) Minimum active weight in High Climate Impact Sector of 0% Minimum Increase in aggregate weight in companies setting targets relative to the aggregate weight of such companies in the Parent Index of 10% Minimum reduction in Weighted Average Potential Emissions Intensity of 30% Minimum ratio of Weighted Average Green Revenue/ Weighted Average Fossil fuels-based Revenue at least equal |

*Source: https://www.msci.com/eqb/methodology/meth_docs/MSCI_ESG_Enhanced_Focus_Indexes_CTB_Methodology_Nov2021.pdf

MSCI Europe ESG Enhanced Focus CTB Index

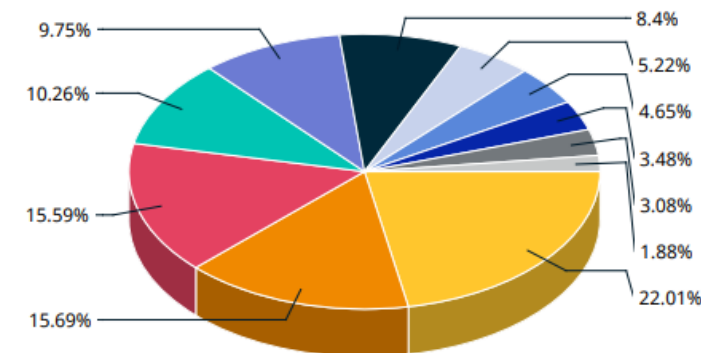
CUMULATIVE INDEX PERFORMANCE – NET RETURNS (EUR) (NOV 2012 – DEC 2024)



ANNUAL PERFORMANCE (%)

| Year | MSCI Europe ESG Enhanced Focus CTB | MSCI Europe |
|------|------------------------------------|-------------|
| 2024 | 8.51 | 8.59 |
| 2023 | 15.87 | 15.83 |
| 2022 | -12.62 | -9.49 |
| 2021 | 25.26 | 25.13 |
| 2020 | -1.57 | -3.32 |
| 2019 | 26.41 | 26.05 |
| 2018 | -10.71 | -10.57 |
| 2017 | 9.84 | 10.24 |
| 2016 | 2.27 | 2.58 |
| 2015 | 8.97 | 8.22 |
| 2014 | 6.63 | 6.84 |
| 2013 | 20.45 | 19.82 |

SECTOR WEIGHTS



| | | |
|-------------------------------|--------------------------------|----------------------|
| ● Financials 22.01% | ● Industrials 15.69% | ● Health Care 15.59% |
| ● Consumer Staples 10.26% | ● Consumer Discretionary 9.75% | |
| ● Information Technology 8.4% | ● Materials 5.22% | ● Utilities 4.65% |
| ● Energy 3.48% | ● Communication Services 3.08% | ● Real Estate 1.88% |

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

| | 1 Mo | 3 Mo | 1 Yr | YTD | ANNUALIZED | | | | Since Nov 30, 2012 |
|------------------------------------|-------|-------|------|------|------------|------|-------|------|--------------------|
| | | | | | 3 Yr | 5 Yr | 10 Yr | | |
| MSCI Europe ESG Enhanced Focus CTB | -0.50 | -3.27 | 8.51 | 8.51 | 3.18 | 6.26 | 6.47 | 7.63 | |
| MSCI Europe | -0.49 | -2.72 | 8.59 | 8.59 | 4.41 | 6.61 | 6.63 | 7.75 | |

FUNDAMENTALS (DEC 31, 2024)

| Div Yld (%) | P/E | P/E Fwd | P/BV |
|-------------|-------|---------|------|
| 3.26 | 15.17 | 13.32 | 2.03 |
| 3.26 | 14.66 | 13.17 | 2.04 |

INDEX RISK AND RETURN CHARACTERISTICS (NOV 30, 2012 – DEC 31, 2024)

| | Beta | Tracking Error (%) ¹ | Turnover (%) ¹ | ANNUALIZED STD DEV (%) ² | | | SHARPE RATIO ^{2,3} | | | Since Nov 30, 2012 | MAXIMUM DRAWDOWN | |
|------------------------------------|------|---------------------------------|---------------------------|-------------------------------------|-------|-------|-----------------------------|------|-------|--------------------|------------------|-----------------------|
| | | | | 3 Yr | 5 Yr | 10 Yr | 3 Yr | 5 Yr | 10 Yr | | (%) | Period YYYY-MM-DD |
| MSCI Europe ESG Enhanced Focus CTB | 1.01 | 0.94 | 24.00 | 13.51 | 15.66 | 14.11 | 0.13 | 0.39 | 0.49 | 0.60 | 34.65 | 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 | 0.61 | 35.25 | 2020-02-19–2020-03-18 |

¹ Last 12 months ² Based on monthly net returns data ³ Based on EMMI EURIBOR 1M from Sep 1 2021 & on ICE LIBOR 1M prior that date

Derivatives on MSCI Europe ESG Enhanced Focus CTB Index

ESG Metrics^{1 2}

Combined ESG Factors

| | MSCI Europe Index | MSCI Europe ESG Enhanced Focus CTB Index |
|--------------------------------|-------------------|--|
| Integration | | |
| ESG score | 7.8 | 8.4 |
| ESG leaders (AAA-AA) % | 68.3% | 83.3% |
| ESG laggards (B) % | 0.6% | 0.3% |
| UN Global Compact Violations % | 0.0% | 0.0% |
| Red Flag ESG Controversies % | 0.0% | 0.0% |

Environmental Factors

| | MSCI Europe Index | MSCI Europe ESG Enhanced Focus CTB Index |
|---|-------------------|--|
| Integration | | |
| Environmental Pillar Score | 6.4 | 7.0 |
| Fossil Fuel-Based Sector Exposure (NACE) % | 10.0% | 7.5% |
| Enterprise Carbon Intensity (t CO2e/\$M EVIC) | 518 | 282 |
| Reported Emissions % | 93.0% | 93.3% |
| Estimated Emissions % | 6.2% | 6.7% |
| Wtd Avg Carbon Intensity (t CO2e/\$M Sales) | 875 | 599 |
| High Climate Impact Sector Exposure % | 66.2% | 66.1% |
| Fossil Fuel Reserves % | 6.6% | 3.5% |
| Green Revenue | 4.3% | 5.2% |
| Green Capex % | 2.0% | 2.0% |

Social Factors

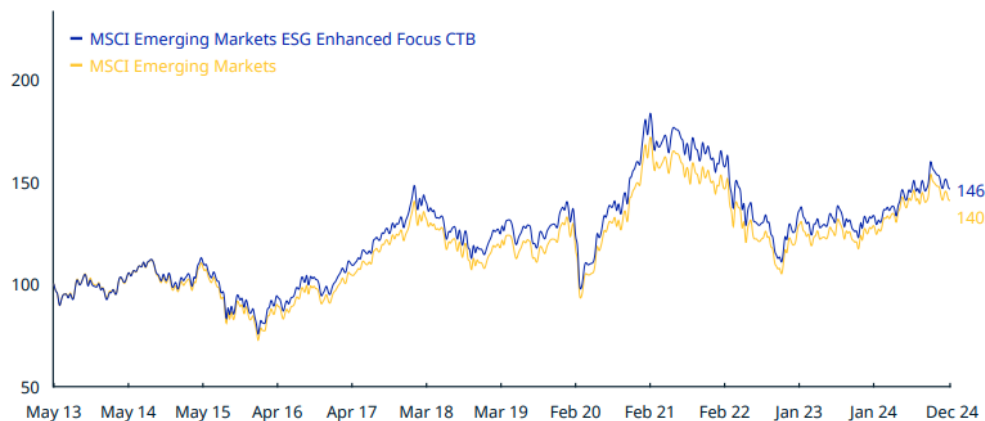
| | MSCI EM Index | MSCI Europe ESG Enhanced Focus CTB Index |
|--|---------------|--|
| Integration | | |
| Social Pillar Score | 5.2 | 5.5 |
| Controversial Weapons % | 0.0% | 0.0% |
| Tobacco Involvement - Highly Restrictive % | 1.0% | 0.0% |
| Tobacco Involvement - Moderately Restrictive % | 0.9% | 0.0% |
| Social Violations (Count) | 0 | 0 |
| Social Violations (% of Constituents) | 0.0% | 0.0% |
| Bribery and Corruption Controversies (Sum) | 50 | 22 |

Governance Factors

| | MSCI EM Index | MSCI Europe ESG Enhanced Focus CTB Index |
|--------------------------|---------------|--|
| Integration | | |
| Governance Pillar Score | 6.6 | 6.8 |
| Board Independence % | 84.1% | 84.0% |
| Board Gender Diversity % | 42.2% | 42.3% |

MSCI EM ESG Enhanced Focus CTB Index

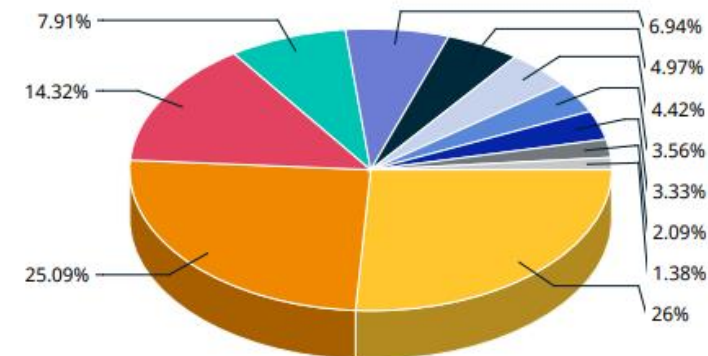
CUMULATIVE INDEX PERFORMANCE – NET RETURNS (USD) (MAY 2013 – DEC 2024)



ANNUAL PERFORMANCE (%)

| Year | MSCI Emerging Markets ESG Enhanced Focus CTB | MSCI Emerging Markets |
|------|--|-----------------------|
| 2024 | 7.28 | 7.50 |
| 2023 | 8.93 | 9.83 |
| 2022 | -21.82 | -20.09 |
| 2021 | -2.09 | -2.54 |
| 2020 | 19.62 | 18.31 |
| 2019 | 17.86 | 18.42 |
| 2018 | -14.02 | -14.57 |
| 2017 | 38.43 | 37.28 |
| 2016 | 11.81 | 11.19 |
| 2015 | -12.97 | -14.92 |
| 2014 | 0.09 | -2.19 |

SECTOR WEIGHTS



| | | |
|------------------------------|-------------------------------|-------------------------------|
| Financials 26% | Information Technology 25.09% | Consumer Discretionary 14.32% |
| Communication Services 7.91% | Consumer Staples 6.94% | Industrials 4.97% |
| Materials 4.42% | Health Care 3.56% | Energy 3.33% |
| Utilities 2.09% | Real Estate 1.38% | |

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

| | 1 Mo | 3 Mo | 1 Yr | YTD | ANNUALIZED | | | |
|--|-------|-------|------|------|------------|------|-------|--------------------|
| | | | | | 3 Yr | 5 Yr | 10 Yr | Since May 31, 2013 |
| MSCI Emerging Markets ESG Enhanced Focus CTB | -0.22 | -8.02 | 7.28 | 7.28 | -2.97 | 1.36 | 3.86 | 3.36 |
| MSCI Emerging Markets | -0.14 | -8.01 | 7.50 | 7.50 | -1.92 | 1.70 | 3.64 | 3.01 |

FUNDAMENTALS (DEC 31, 2024)

| | Div Yld (%) | P/E | P/E Fwd | P/BV |
|--|-------------|-------|---------|------|
| MSCI Emerging Markets ESG Enhanced Focus CTB | 2.54 | 16.31 | 12.23 | 1.78 |
| MSCI Emerging Markets | 2.64 | 15.43 | 11.91 | 1.80 |

INDEX RISK AND RETURN CHARACTERISTICS (MAY 31, 2013 – DEC 31, 2024)

| | Beta | Tracking Error (%) ¹ | Turnover (%) ¹ | ANNUALIZED STD DEV (%) ² | | | SHARPE RATIO ^{2,3} | | | Since May 31, 2013 (%) | MAXIMUM DRAWDOWN Period YYYY-MM-DD | |
|--|------|---------------------------------|---------------------------|-------------------------------------|-------|-------|-----------------------------|------|-------|------------------------|---------------------------------------|-----------------------|
| | | | | 3 Yr | 5 Yr | 10 Yr | 3 Yr | 5 Yr | 10 Yr | | | |
| MSCI Emerging Markets ESG Enhanced Focus CTB | 1.01 | 1.17 | 27.64 | 18.00 | 18.90 | 17.35 | -0.30 | 0.04 | 0.20 | 0.19 | 39.81 | 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 | 0.16 | 39.00 | 2021-02-17–2022-10-24 |

¹ Last 12 months

² Based on monthly net returns data

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

Derivatives on MSCI EM ESG Enhanced Focus CTB Index

ESG Metrics^{1 2}

Combined ESG Factors

| | MSCI EM Index | MSCI EM ESG Enhanced Focus CTB Index |
|--------------------------------|---------------|--------------------------------------|
| Integration | | |
| ESG score | 5.9 | 7.2 |
| ESG leaders (AAA-AA) % | 33.7% | 58.5% |
| ESG laggards (B-CCC) % | 9.9% | 2.7% |
| UN Global Compact Violations % | 0.9% | 0.0% |
| Red Flag ESG Controversies % | 0.9% | 0.0% |

Environmental Factors

| | MSCI EM Index | MSCI EM ESG Enhanced Focus CTB Index |
|---|---------------|--------------------------------------|
| Integration | | |
| Environmental Pillar Score | 5.5 | 6.0 |
| Fossil Fuel-Based Sector Exposure (NACE) % | 9.3% | 7.1% |
| Enterprise Carbon Intensity (t CO2e/\$M EVIC) | 557 | 297 |
| Reported Emissions % | 88.7% | 91.1% |
| Estimated Emissions % | 11.2% | 8.8% |
| Wtd Avg Carbon Intensity (t CO2e/\$M Sales) | 1222 | 745 |
| High Climate Impact Sector Exposure % | 58.5% | 58.3% |
| Fossil Fuel Reserves % | 5.8% | 3.8% |
| Green Revenue | 3.9% | 4.8% |
| Green Capex % | 0.3% | 0.1% |

Social Factors

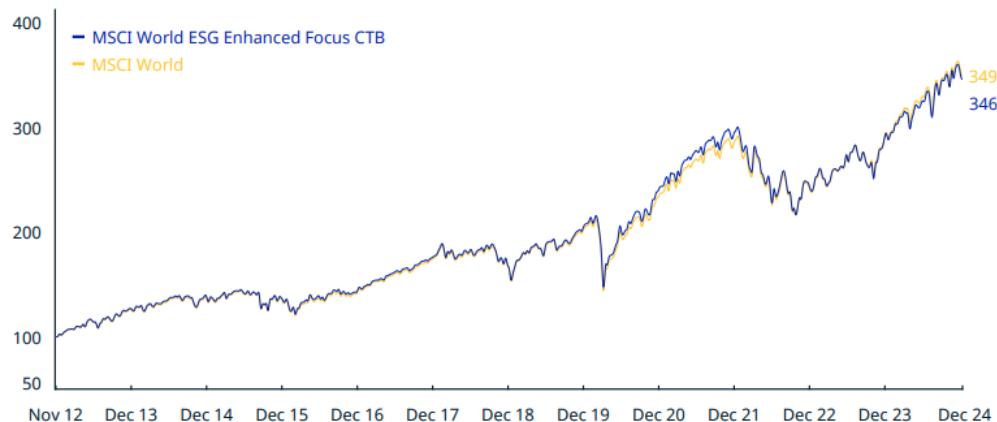
| | MSCI EM Index | MSCI EM ESG Enhanced Focus CTB Index |
|--|---------------|--------------------------------------|
| Integration | | |
| Social Pillar Score | 5.2 | 5.7 |
| Controversial Weapons % | 0.6% | 0.0% |
| Tobacco Involvement - Highly Restrictive % | 0.4% | 0.0% |
| Tobacco Involvement - 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 | 51 |

Governance Factors

| | MSCI EM Index | MSCI EM ESG Enhanced Focus CTB Index |
|--------------------------|---------------|--------------------------------------|
| Integration | | |
| Governance Pillar Score | 4.8 | 5.4 |
| Board Independence % | 61.4% | 62.8% |
| Board Gender Diversity % | 20.1% | 22.1% |

MSCI World ESG Enhanced Focus CTB Index

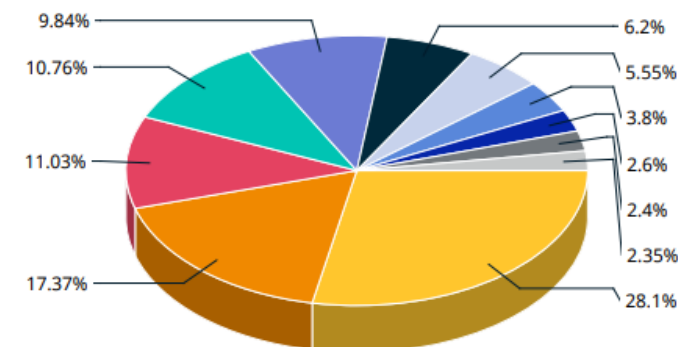
CUMULATIVE INDEX PERFORMANCE – NET RETURNS (USD) (NOV 2012 – DEC 2024)



ANNUAL PERFORMANCE (%)

| Year | MSCI World ESG Enhanced Focus CTB | MSCI World |
|------|-----------------------------------|------------|
| 2024 | 17.85 | 18.67 |
| 2023 | 22.78 | 23.79 |
| 2022 | -20.19 | -18.14 |
| 2021 | 22.34 | 21.82 |
| 2020 | 17.59 | 15.90 |
| 2019 | 28.36 | 27.67 |
| 2018 | -8.95 | -8.71 |
| 2017 | 22.19 | 22.40 |
| 2016 | 7.68 | 7.51 |
| 2015 | -0.83 | -0.87 |
| 2014 | 4.90 | 4.94 |
| 2013 | 27.87 | 26.68 |

SECTOR WEIGHTS



- Information Technology 28.1%
- Financials 17.37%
- Industrials 11.03%
- Health Care 10.76%
- Consumer Discretionary 9.84%
- Communication Services 6.2%
- Consumer Staples 5.55%
- Energy 3.8%
- Materials 2.6%
- Real Estate 2.4%
- Utilities 2.35%

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

| | 1 Mo | 3 Mo | 1 Yr | YTD | ANNUALIZED | | | | Since Nov 30, 2012 |
|-----------------------------------|-------|-------|-------|-------|------------|-------|-------|-------|--------------------|
| | | | | | 3 Yr | 5 Yr | 10 Yr | | |
| MSCI World ESG Enhanced Focus CTB | -2.65 | -0.56 | 17.85 | 17.85 | 4.91 | 10.68 | 9.74 | 10.81 | |
| MSCI World | -2.61 | -0.16 | 18.67 | 18.67 | 6.34 | 11.17 | 9.95 | 10.90 | |

FUNDAMENTALS (DEC 31, 2024)

| | Div Yld (%) | P/E | P/E Fwd | P/BV |
|-----------------------------------|-------------|-------|---------|------|
| MSCI World ESG Enhanced Focus CTB | 1.76 | 23.40 | 19.30 | 3.71 |
| MSCI World | 1.73 | 23.04 | 19.06 | 3.57 |

INDEX RISK AND RETURN CHARACTERISTICS (NOV 30, 2012 – DEC 31, 2024)

| | Beta | Tracking Error (%) ¹ | Turnover (%) ¹ | ANNUALIZED STD DEV (%) ² | | | SHARPE RATIO ^{2,3} | | | Since Nov 30, 2012 | MAXIMUM DRAWDOWN | |
|-----------------------------------|------|---------------------------------|---------------------------|-------------------------------------|-------|-------|-----------------------------|------|-------|--------------------|------------------|-----------------------|
| | | | | 3 Yr | 5 Yr | 10 Yr | 3 Yr | 5 Yr | 10 Yr | | (%) | Period YYYY-MM-DD |
| MSCI World ESG Enhanced Focus CTB | 1.01 | 0.76 | 26.76 | 17.36 | 18.13 | 15.23 | 0.14 | 0.52 | 0.57 | 0.68 | 33.58 | 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 | 0.70 | 34.03 | 2020-02-12–2020-03-23 |

¹ Last 12 months

² Based on monthly net returns data

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

Derivatives on MSCI World ESG Enhanced Focus CTB Index

ESG Metrics^{1 2}

Combined ESG Factors

| | MSCI World Index | MSCI World ESG Enhanced Focus CTB Index |
|--------------------------------|------------------|---|
| Integration | | |
| ESG score | 6.8 | 8.0 |
| ESG leaders (AAA-AA) % | 45.1% | 71.8% |
| ESG laggards (B) % | 2.3% | 1.6% |
| UN Global Compact Violations % | 0.0% | 0.0% |
| Red Flag ESG Controversies % | 0.1% | 0.0% |

Environmental Factors

| | MSCI World Index | MSCI World ESG Enhanced Focus CTB Index |
|---|------------------|---|
| Integration | | |
| Environmental Pillar Score | 6.1 | 6.7 |
| Fossil Fuel-Based Sector Exposure (NACE) % | 5.9% | 3.7% |
| Enterprise Carbon Intensity (t CO2e/\$M EVIC) | 300 | 141 |
| Reported Emissions % | 88.1% | 90.6% |
| Estimated Emissions % | 11.5% | 9.3% |
| Wtd Avg Carbon Intensity (t CO2e/\$M Sales) | 752 | 495 |
| High Climate Impact Sector Exposure % | 58.4% | 58.3% |
| Fossil Fuel Reserves % | 5.2% | 2.2% |
| Green Revenue | 9.3% | 9.9% |
| Green Capex % | 0.5% | 0.7% |

Social Factors

| | MSCI World Index | MSCI World ESG Enhanced Focus CTB Index |
|--|------------------|---|
| Integration | | |
| Social Pillar Score | 5.0 | 5.6 |
| 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) | 77 | 53 |

Governance Factors

| | MSCI World Index | MSCI World ESG Enhanced Focus CTB Index |
|--------------------------|------------------|---|
| Integration | | |
| Governance Pillar Score | 5.7 | 6.1 |
| Board Independence % | 80.9% | 82.2% |
| Board Gender Diversity % | 36.1% | 36.8% |

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 ESG Screened | MSCI EM ESG Screened | MSCI EAFE ESG Screened | MSCI USA ESG Screened | MSCI Japan ESG 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 ESG Screened | MSCI Europe ESG Screened | MSCI EMU ESG Screened | MSCI EM Asia ESG Screened | MSCI EM ESG Screened | MSCI USA ESG Screened | MSCI World ESG 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 | HARRA | 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#FMSO | 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 | 10 | 20 | 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 USD | 5 EUR | 10 USD | 5 EUR | 5 EUR | 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 | MSCI World | MSCI EM | MSCI EAFE | MSCI USA | MSCI Japan | MSCI Europe | MSCI World ESG Screened | MSCI EM ESG Screened | MSCI EAFE ESG Screened | MSCI USA ESG Screened | MSCI Japan ESG Screened | MSCI World ESG Enhanced Focus CTB | MSCI Emerging Markets 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 ESG Screened | MSCI Europe ESG Screened | MSCI EMU ESG Screened | MSCI EM Asia ESG Screened | MSCI EM ESG Screened | MSCI USA ESG Screened | MSCI World ESG 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 |

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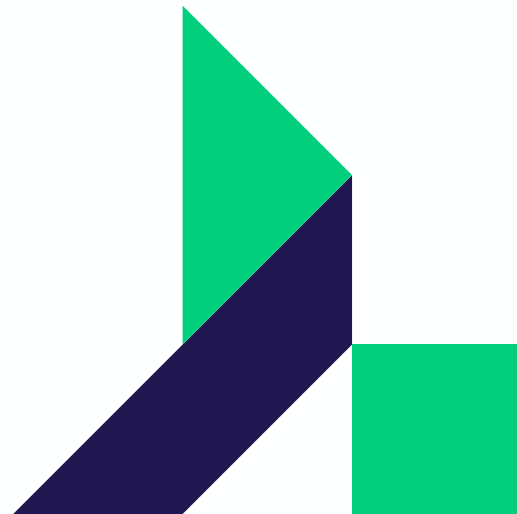
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