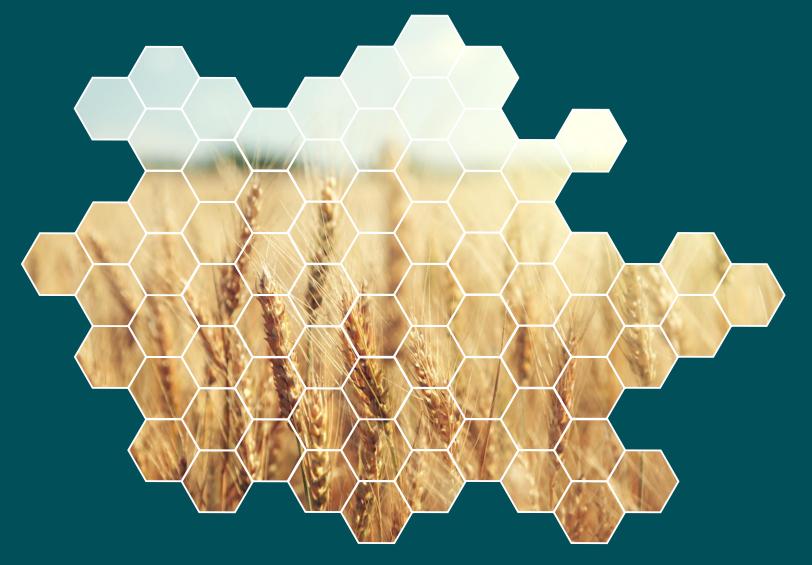
Global Responsible Equities

September 2024 2024-09-30



BANKINVEST

Handler med omta<u>nke</u>

Agenda



Investment Process

Global Responsible Equities



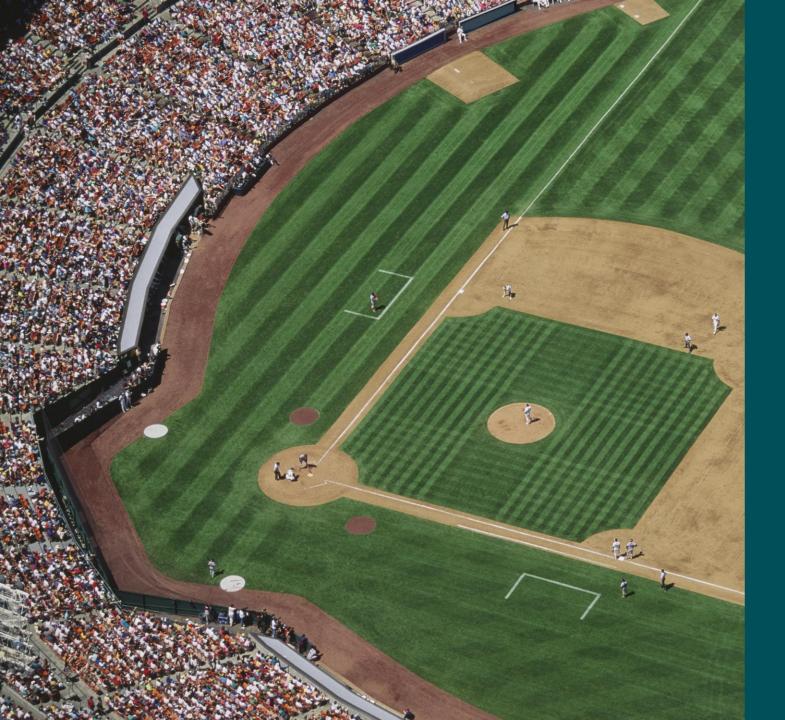
Sustainability



Performance



Current Portfolio



Team and Platform



Team



Mads Stenbo Nielsen

Mads Stenbo Nielsen joined BankInvest in 2019 as Portfolio Manager in the Global Equities Team. Mads also holds a position as Associate Professor of Finance at Copenhagen Business School. He has published in several international, peer-reviewed journals including Journal of Corporate Finance, Journal of Financial Intermediation, and Journal of Financial Econometrics. Mads holds a M.Sc. in Statistics from University of Copenhagen and a Ph.D. in Finance from Copenhagen Business School.



Mikkel Zobbe

Mikkel Zobbe joined the team in 2019 as Senior Portfolio Manager. Mikkel has 12 years of experience with portfolio management. He started his career in BankInvest working as a Portfolio Risk Manager. While working in risk management he worked closely with PMs on risk modelling, portfolio construction, style investing and developing new equity strategies. Mikkel holds a master in Business Administration and Management Science (Cand.Merc(mat)).



Per Wagner Nielsen

Per Wagner Nielsen joined BankInvest as Data Scientist, in 2023. Per has 8 years of experience as Economist and 9 years of experience as Software Developer. Per holds a M.Sc. in Economics and a B.Sc. in Computing. Before joining BankInvest BankInvest, Per has worked in Hong Kong as Software Developer and Manager.



Glenn Vestergaard

Glenn Vestergaard joined BankInvest as Chief Portfolio Manager in 2020. Glenn started his career in managing equity portfolios in 1999. He has extensive experience both in bottom-up stock picking and quantitative equity investment. Glenn joined from PFA Asset Management where he was responsible for several portfolios with a quantitative approach both globally and in Emerging Markets. Prior to that Glenn worked at Danske Bank, Tryg and FSP. Glenn holds a M.Sc. in economics (Cand. Oecon) from Aarhus University and is a CFA charterholder.



Nils Lodberg

Nils Lodberg joined BankInvest as Chief Portfolio Manager in 2019. Nils started his career in managing equity portfolios and factor investing portfolios in 2009. He has extensive experience in portfolio construction and quantitative equity strategies. Nils joined from SEB Life where he was responsible for alternatives, credit and equity investments. Prior to that Nils worked as Head of Equities in SEB Pension Danmark. Nils holds a M.Sc. in Finance (Cand. Merc) from Aarhus University. Nils's work at SEB has been awarded by Investment & Pensions Europe for best in Europe within Equities (2015, 2016 & 2017) & Factor Investing(2014 & 2015)







Alpha Strategies

Investment Platform

Our platform offer clients the opportunity to tailor strategies that suit their investment targets, risk level and most importantly the sustainable investment overlay of preference.

A dedicated quantitative team with decades of experience from the pension industry, academia and risk management is working alongside a group of specialists within the field of sustainable investments to create customized solutions.

Retail **€ 2,192 MM**

Institutional € 1,934 MM

Solutions

Retail € 1,613 MM Institutional € 2,205 MM

Index Strategies

Retail **€ 1,959 MM**

Institutional

Global Responsible Equities

Targets and limits



Beta: 0.9-1.1 Stocks: 150+

Active share 65-80 Tracking error: 2-4% Turnover: 100-130%



Benchmark

MSCI All Countries World, net DKK



Sustainability

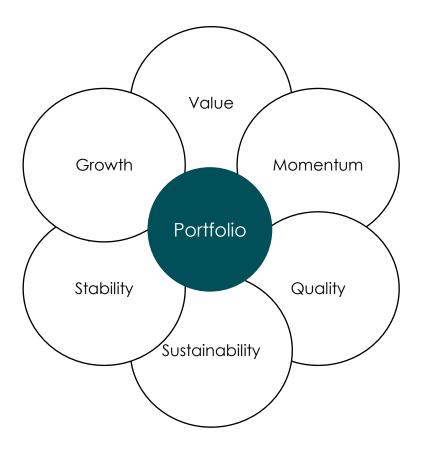
- ✓ A or higher
- √ 2.17 model



Factor and style tilts

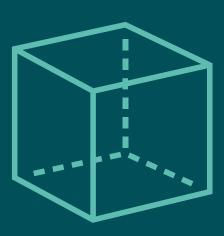
Multifactor diversified model with quality focus

The product is the intersection of high sustainability, high quality, reasonable price and positive sentiment





Investment Process



Investment philosophy

Investment philosophy

- The market underprices quality: Companies with a high profitability also tend to be financially healthy companies in 3-5 and 10 years - they have positive momentum. Low quality companies are also predominantly less profitable in 3-5 and 10 years.
- Companies with a focus on **ESG** tend to be of higher quality and less risky.

Principles

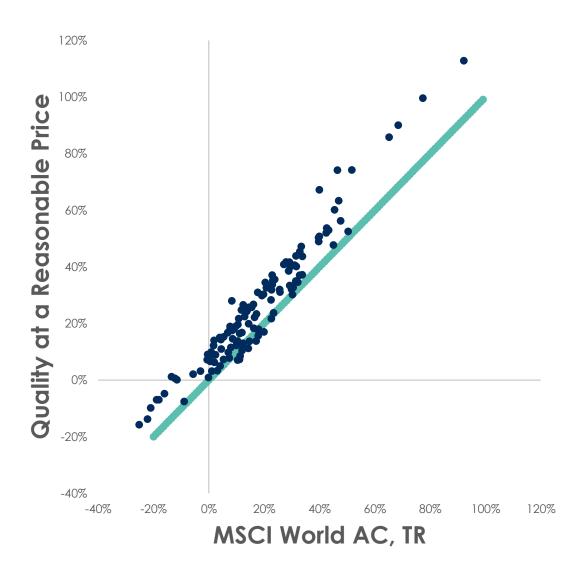
We use systematic screens to find companies

- with superior quality, capital allocation, return on invested capital and financing compared to the average benchmark company
- We focus on price per quality unit valuation of the company - and positive trend in operations
- Risk management is integrated into the process

Investment philosophy

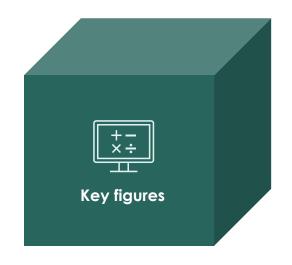
The investment philosophy is supported by empirical evidence.

The graph shows rolling 3Y-excess return relative to benchmark: The return from buying quality companies at a fair price is systematically higher vs. the benchmark.



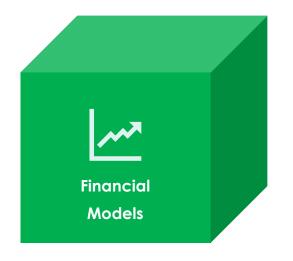
Building blocks

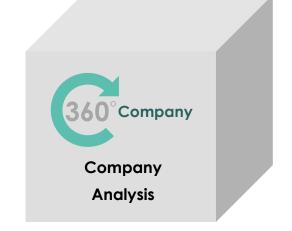


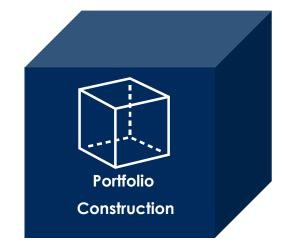








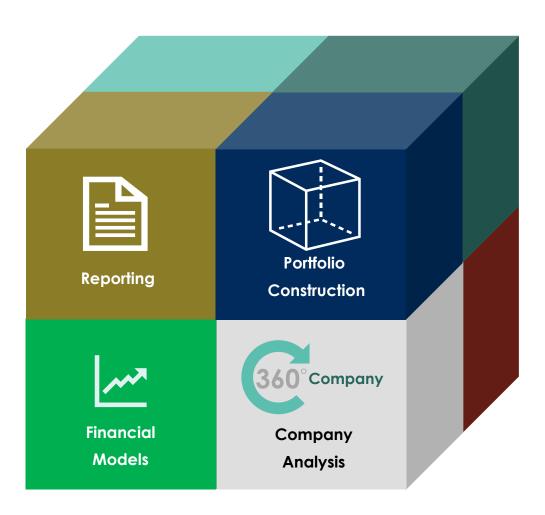








Individual building blocks combined in one Quant engine

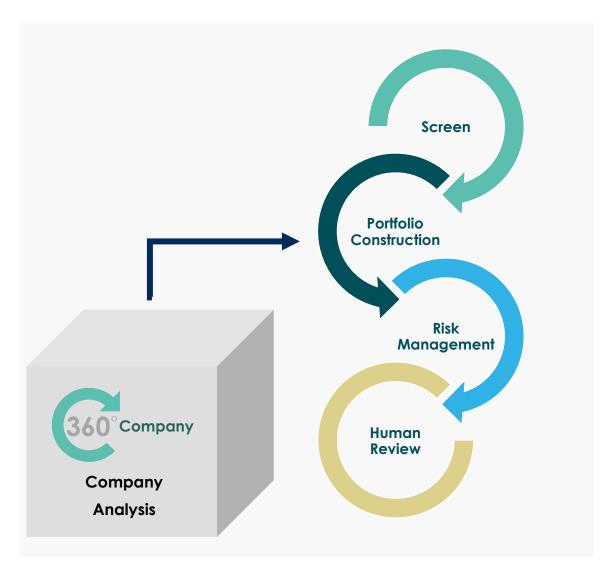


A powerful combined Quant engine offers:

- Scalability
- Operational leverage
- Product innovation
- Agility
- Customized solutions
- State-of-the-art reporting



The core process of our quant engine



The data from company 360-degree is used to generate all processes from screening to a human review. This means all core-systems are based on the same numbers.

- o Invest processes are aligned with risk management
- When we introduce a new financial model or key figure, it is included in all processes
- Portfolio construction is incredible flexible
- Financial data and sustainability data is aligned



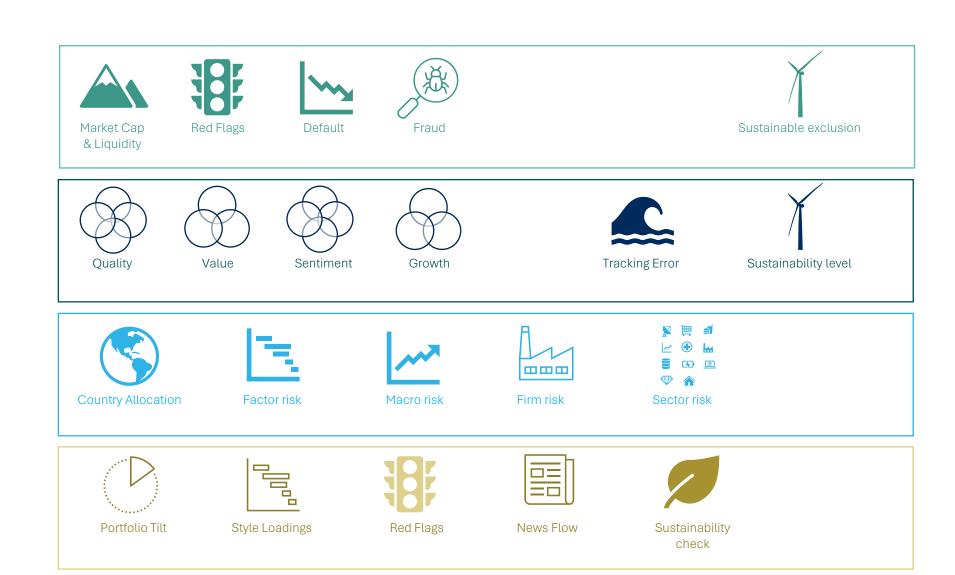


How We Work Alpha Engine

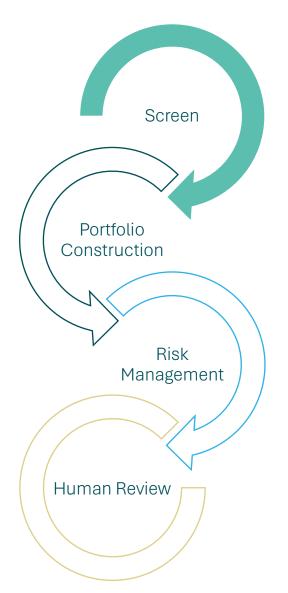


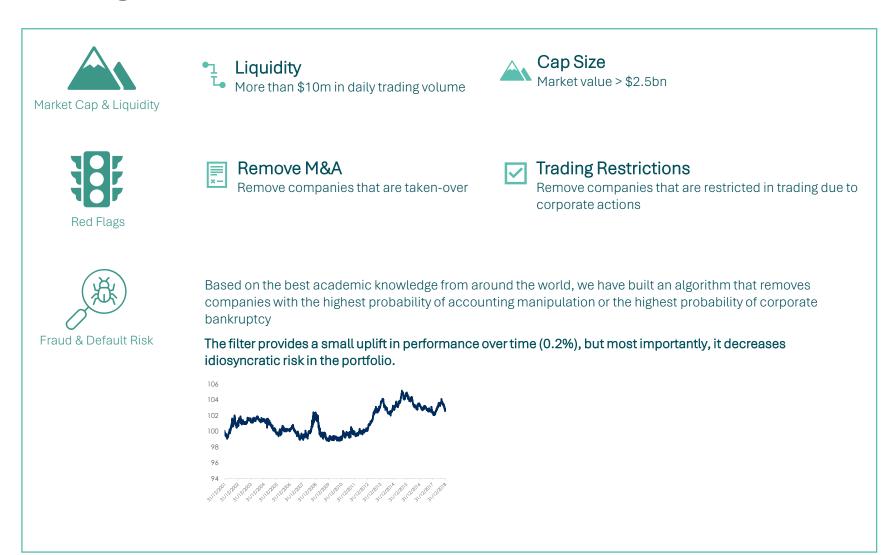
How we work





How we work - Screening







How we work – Portfolio Construction – Alpha Engine



ValueBI

Academic well-established Historical excess performance 4.9%



Industry-specific Value measures

Fundamental investors always use different valuation approaches in different sectors due to different leverage, cyclicality etc. Based on empirical and fundamental input we create an industry specific Value measure. In some sectors the advantage is significant

SentimentBl

Academic well-established Historical excess performance 4.4%



Dual Momentum

Price momentum improves significant by adding Analyst sentiment. In this way we combine momentum with the current aggregated outlook from fundamental analysts, and hereby ensure that structural shifts in a company outlook are integrated

QualityBI

Academic well-established Historical excess performance 3.7%



Quality needs consistency

The stability and growth in profit measures ensures that the quality measure not only benefits dying business models or cyclical companys which have had a couple of great years

GrowthBI

Not an academic proven risk-premium

But in a multifactor setting it helps to avoid value traps

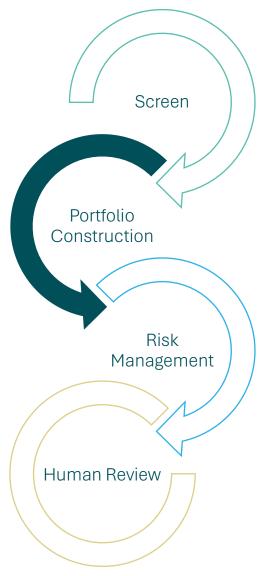


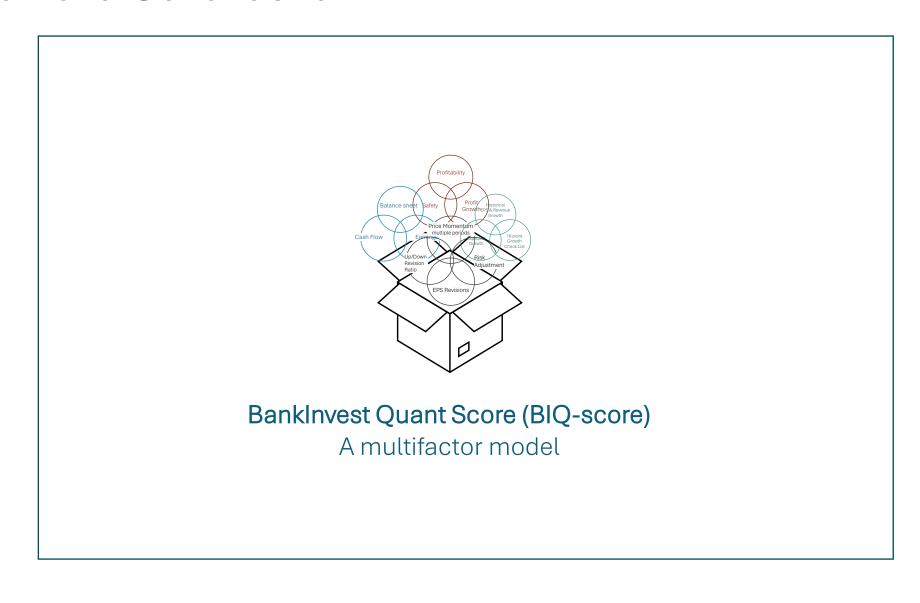
Value-Quality-Momentum improves by adding Growth

This factor-composition has a good diversification to the other factors and simultanously enhances the performance of the classic multifactor



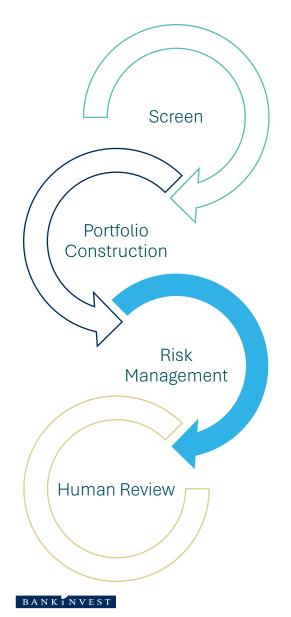
How we work - Portfolio Construction

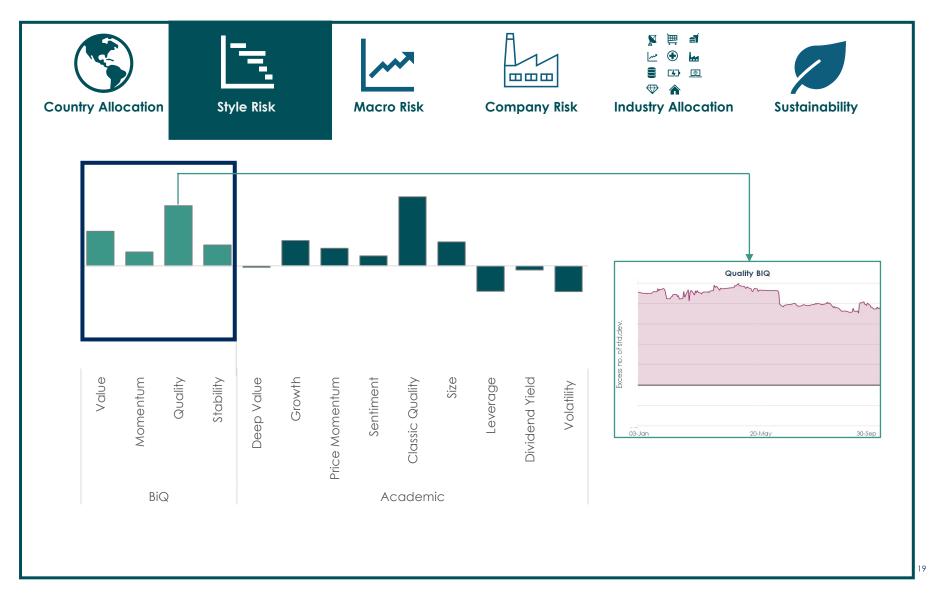


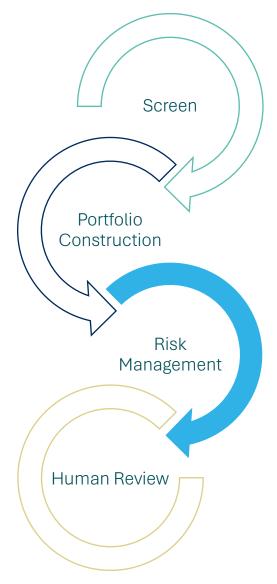


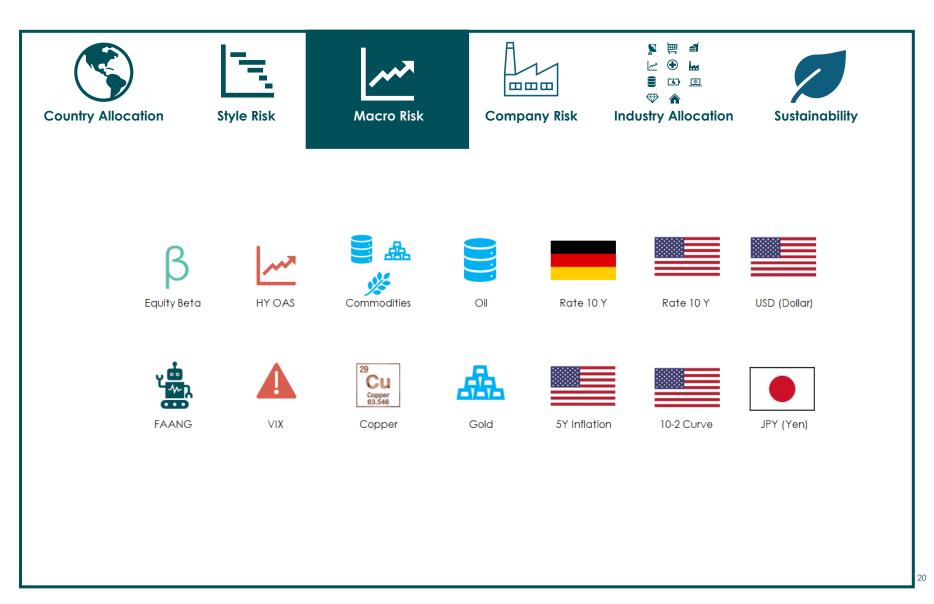




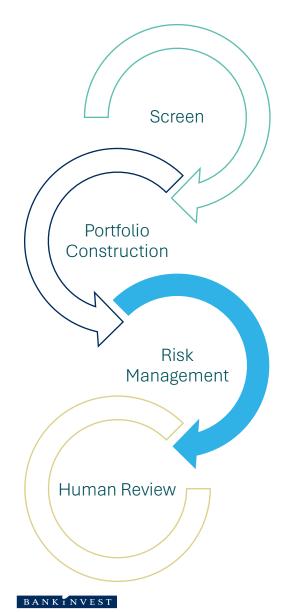


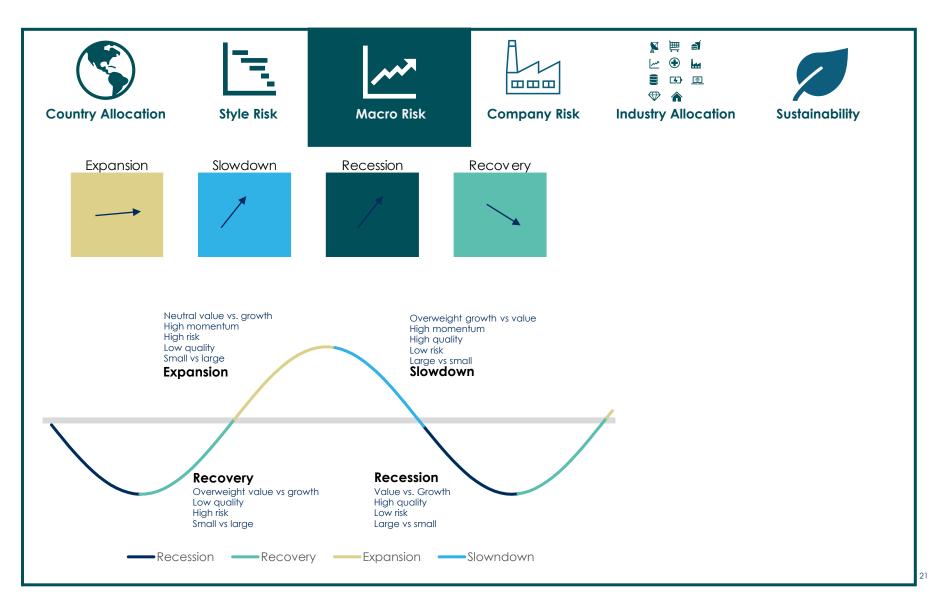






BANKINVEST







How we Work Portfolio Construction

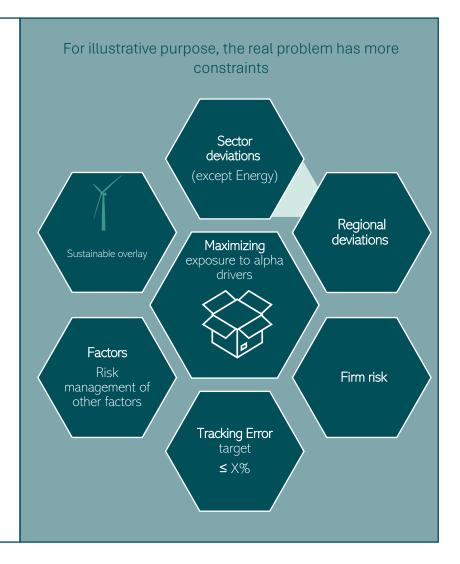




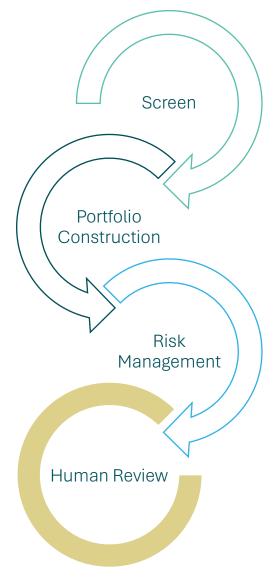
Portfolio optimization

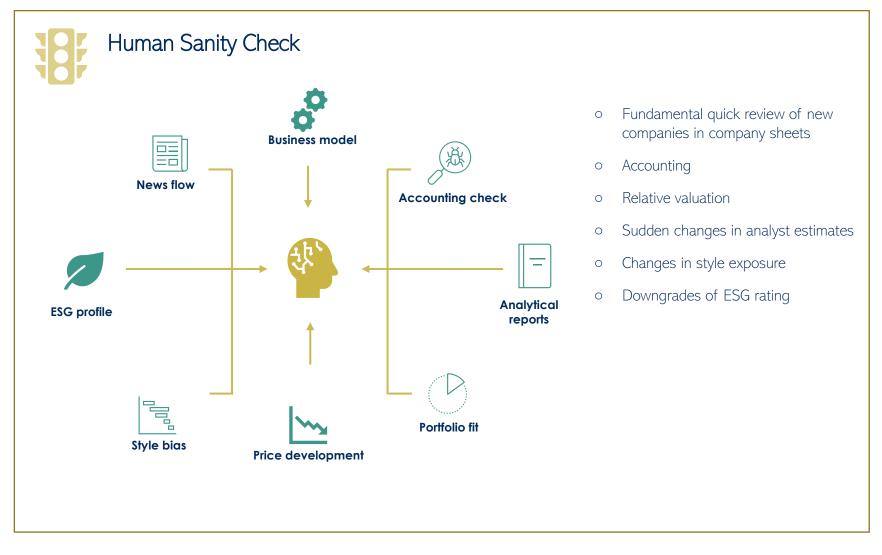
Given the **multiple dimensions** to the optimization problem, we have built a custom optimizer that can solve for multiple objectives as well as numerous constraints.

The strength of the process is that all information is included in the process.



How we work - Human Review





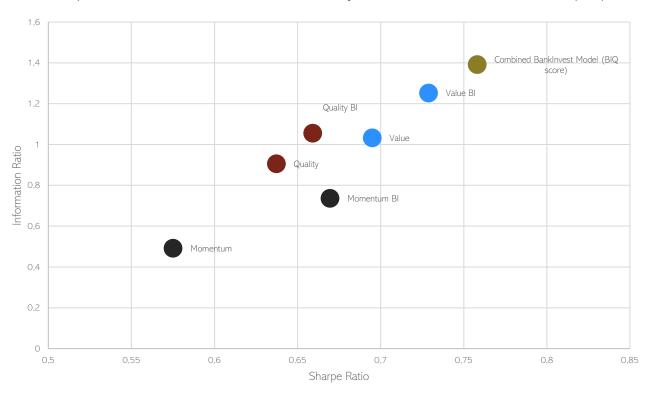
ESG Dashboard



02-10-2024

BankInvest Factors

Improvement on the individual factor but really stands out in the combined score (BIQ)



The chart illustrates the information ratio and sharpe ratio of standard factor versus the BankInvest Factor

Backtest

Only point-in-time-date All sector-neutral





Performance



Performance (MTD)

September

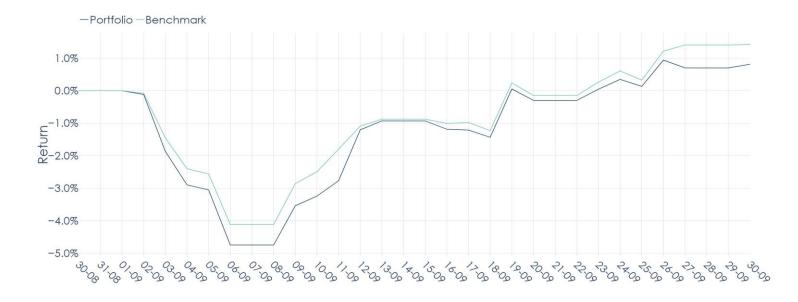
Return

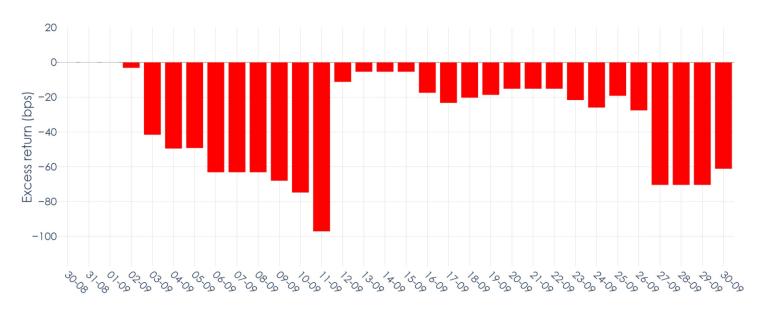
0.8%

Benchmark

1.4%

Excess Return -0.6%





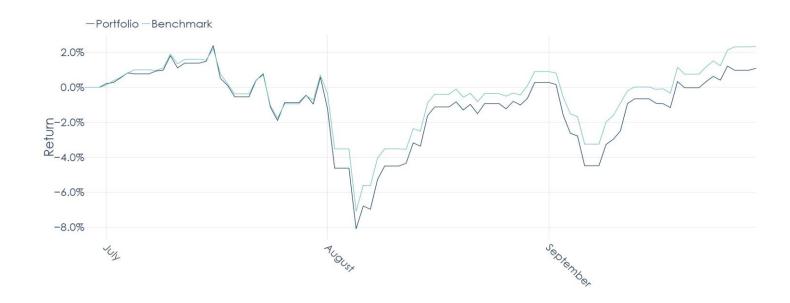
Performance (QTD)

Q3

Return 1.1%

Benchmark 2.3%

Excess Return -1.2%





Performance (YTD)

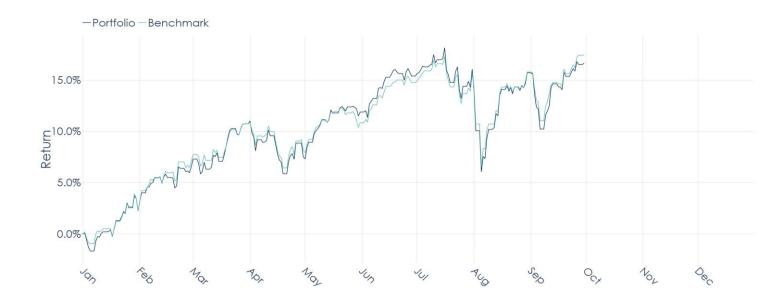
2024

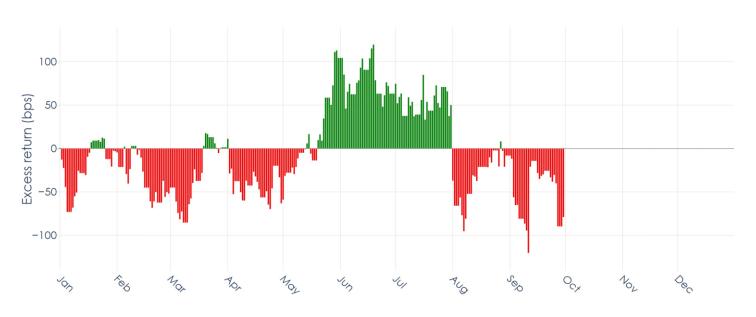
Return

16.7%

Benchmark 17.5%

Excess Return -0.8%

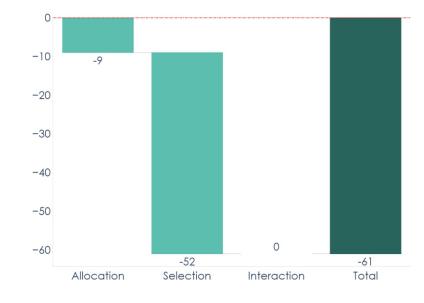




Performance Attribution - Sectors (MTD)

2024-08-30 -> 2024-09-30

GICS_LEVEL1	Fund avg. weight	Bench. avg. weight	Weight diff.	Fund return	Bench. return	Allocati on	Selectio n	Interacti on	Total
Communication Services	6.98%	7.78%	-0.80%	4.72%	5.21%	-2	-4	-0	-6
Consumer Discretionary	12.08%	10.72%	1.36%	5.53%	7.89%	2	-24	-2	-24
Consumer Staples	7.77%	6.32%	1.45%	1.38%	1.35%	-3	-0	-1	-3
Energy	2.71%	4.03%	-1.31%	-5.11%	-3.74%	3	-6	1	-3
Financials	17.01%	16.09%	0.92%	0.83%	1.54%	-2	-12	-1	-15
Health Care	11.65%	10.83%	0.82%	-5.06%	-2.79%	5	-27	0	-22
Industrials	11.03%	10.69%	0.34%	5.52%	3.21%	1	23	3	27
Information Technology	25.17%	24.35%	0.82%	2.03%	2.09%	-1	-1	-1	-3
Materials	2.92%	4.20%	-1.28%	8.75%	5.10%	-5	14	-5	4
Na	0.00%	0.00%	0.00%	0.00%	0.00%	0	0	0	0
Real Estate	0.97%	2.28%	-1.31%	3.45%	4.64%	-4	-3	2	-5
Utilities	1.70%	2.71%	-1.01%	1.23%	5.40%	-5	-11	4	-12
Total	100.00%	100.00%	0.00%	0.81%	1.43%	-9	-52	-0	-61

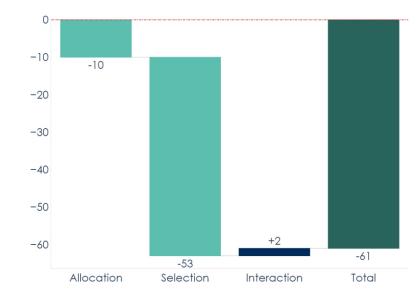




Performance Attribution - Region (MTD)

2024-08-30 -> 2024-09-30

region	Fund avg. weight	Bench. avg. weight	Weight diff.	Fund return	Bench. return	Allocati on	Selectio n	Interacti on	Total
Asia	7.87%	8.19%	-0.32%	7.09%	6.72%	-8	2	-1	-7
Eastern Europe	0.00%	0.12%	-0.12%	0.00%	-1.02%	-0	-0	-1	-2
Europe	16.33%	16.74%	-0.41%	-0.74%	0.21%	-1	-17	-0	-18
Japan	5.23%	5.32%	-0.09%	-1.67%	-0.72%	1	-6	-3	-8
Latin America	1.97%	0.90%	1.08%	1.78%	-0.19%	-3	1	2	-1
Middle East / Africa	0.08%	1.25%	-1.16%	-1.80%	1.85%	-0	-5	4	-2
Na	0.00%	0.00%	0.00%	0.00%	0.00%	0	0	0	0
North America	66.17%	64.64%	1.53%	1.81%	2.44%	-0	-41	-1	-43
Pacific	2.34%	2.84%	-0.50%	13.43%	8.04%	2	13	2	18
Total	100.00%	100.00%	0.00%	0.81%	1.43%	-10	-53	2	-61

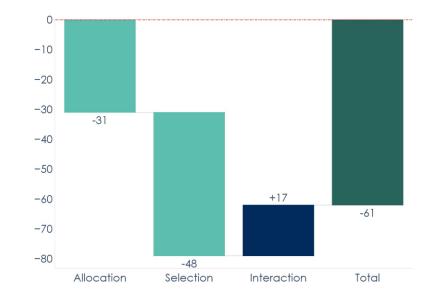




ESG Rating (MTD)

2024-08-30 -> 2024-09-30

ESG Rating	Fund avg. weight	Bench. avg. weight	Weight diff.	Fund return	Bench. return	Allocati on	Selectio n	Interacti on	Total
AAA	18.53%	15.40%	3.13%	-0.30%	0.67%	-6	-16	-5	-27
AA	30.33%	29.23%	1.10%	2.46%	2.06%	-2	11	0	10
A	26.76%	26.38%	0.38%	2.34%	1.51%	1	21	-4	18
BBB	18.19%	19.63%	-1.44%	2.42%	4.05%	-3	-32	2	-34
BB	6.18%	5.95%	0.23%	2.68%	3.37%	-1	-5	0	-6
В	0.00%	2.87%	-2.87%	0.00%	9.34%	-20	-26	25	-21
CCC	0.00%	0.37%	-0.37%	0.00%	3.83%	-1	-2	1	-3
None	0.00%	0.17%	-0.17%	0.00%	-5.52%	1	1	-1	1
Total	100.00%	100.00%	0.00%	0.81%	1.43%	-31	-48	17	-61

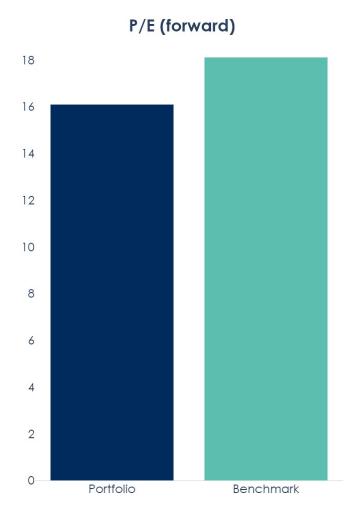


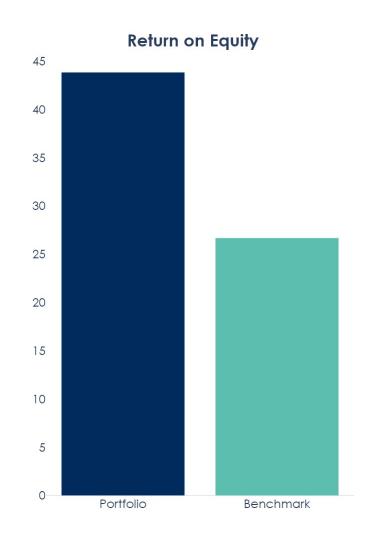


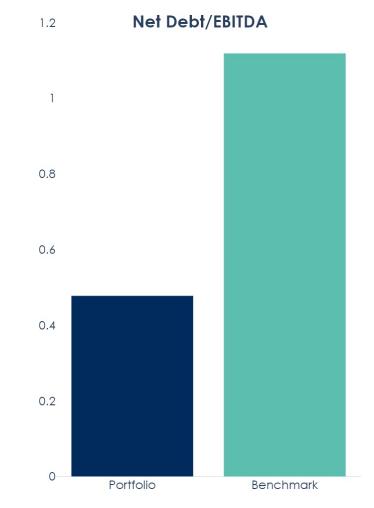
Risk



Fundamental Ratios





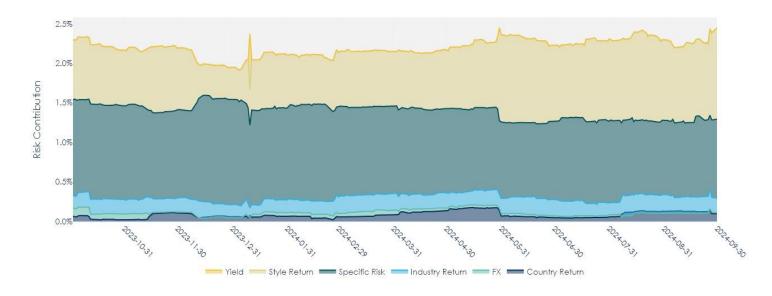




Risk Contribution

Style	Active Risk Contribution
Country Return	10
FX	1
Industry Return	19
Specific Risk	100
Style Return	115
Total	245







Risk Contribution from Style Factors

Style	Exposure	Active Risk Contribution
Size	-0.07	-3
Leverage	-0.15	4
Liquidity	0.01	-0
Market	-0.00	-0
Momentum	0.36	92
Dividend Yield	-0.00	0
Growth	0.09	1
Earnings Yield	0.12	-3
Emerging	-0.07	2
SmallCap	-0.00	-0
Oil	0.00	0
Profitability	0.29	11
Reversal	-0.03	1
Sentiment	-0.14	0
Value	-0.01	-0
Volatility	0.12	12

Exposure

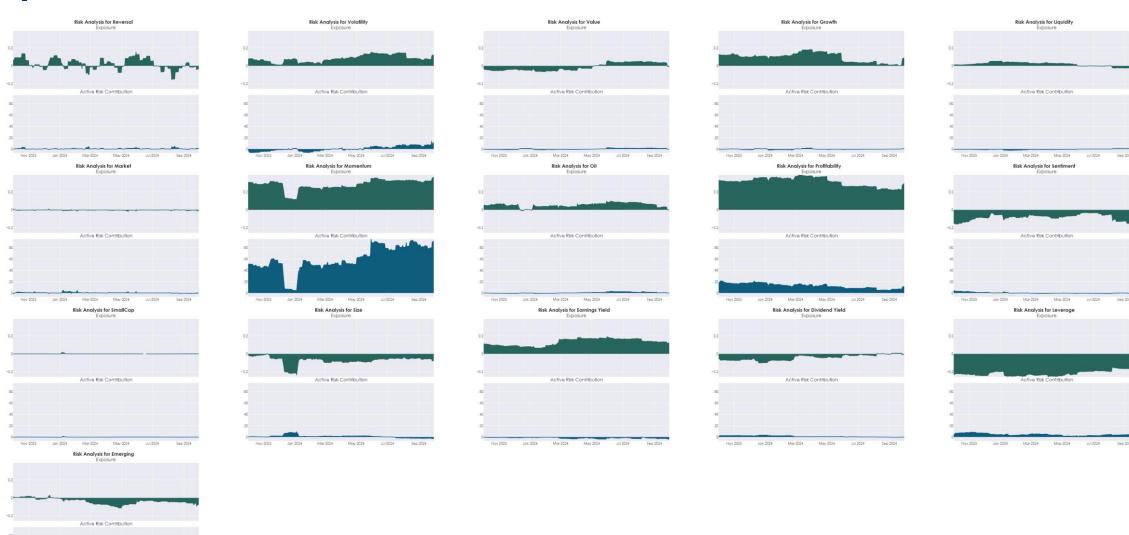


Active Risk Contribution





Style Risk



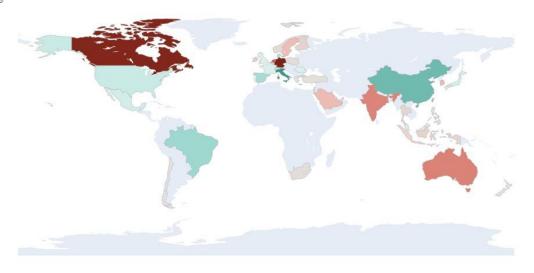


Mor 2024 May 2024

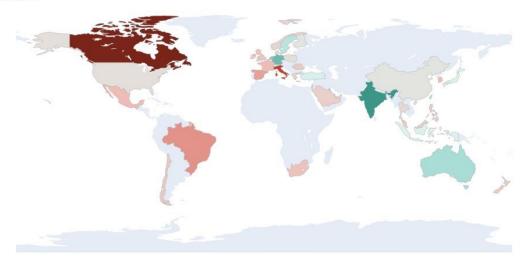
Geographical Risk

Country Exposure

Region	Exposure	Active Risk Contribution
Africa	-0.10	-0
Asia	1.06	7
Europe	0.82	4
Europe/Asia	-0.07	0
Middle East	-0.68	-0
North America	-1.02	-1
Oceania	-0.94	1
South America	0.85	-1



Country Risk Contribution



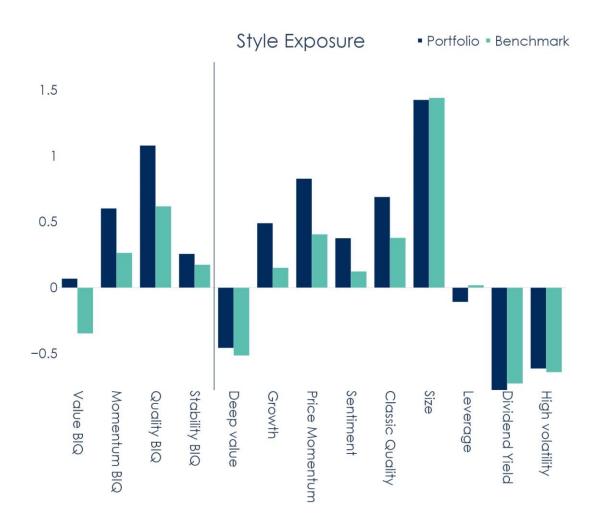


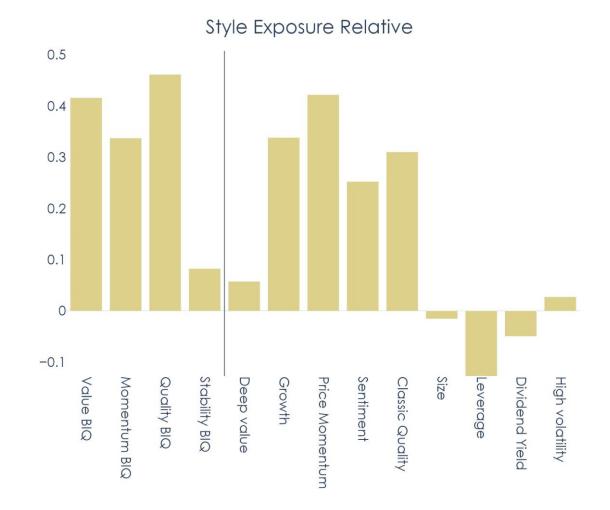
Region Allocation





Style Exposure



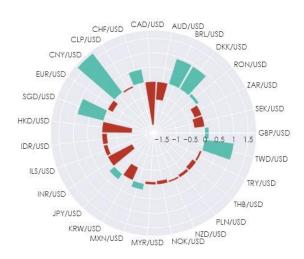




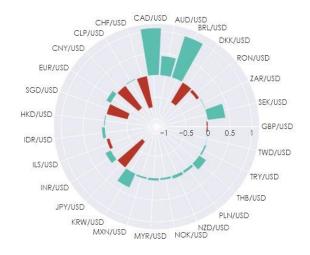
FX Risk

Style	Exposure	Active Risk Contribution
GBP/USD	0.13	-0
SEK/USD	-0.36	0
ZAR/USD	-0.27	0
RON/USD	0.11	-0
DKK/USD	0.90	-1
BRL/USD	0.92	1
AUD/USD	-0.62	0
CAD/USD	-1.50	1
CHF/USD	0.47	-1
CLP/USD	-0.06	0
CNY/USD	1.69	-1
EUR/USD	-0.19	0
SGD/USD	0.94	-0
HKD/USD	-1.04	0
IDR/USD	-0.17	0
ILS/USD	-0.14	-0
INR/USD	-0.95	0
JPY/USD	0.23	-1
KRW/USD	-0.48	0
MXN/USD	0.22	0
MYR/USD	-0.09	0
NOK/USD	-0.13	0
NZD/USD	-0.06	0
PLN/USD	-0.10	0
THB/USD	-0.16	0
TRY/USD	-0.07	0
TWD/USD	1.03	0

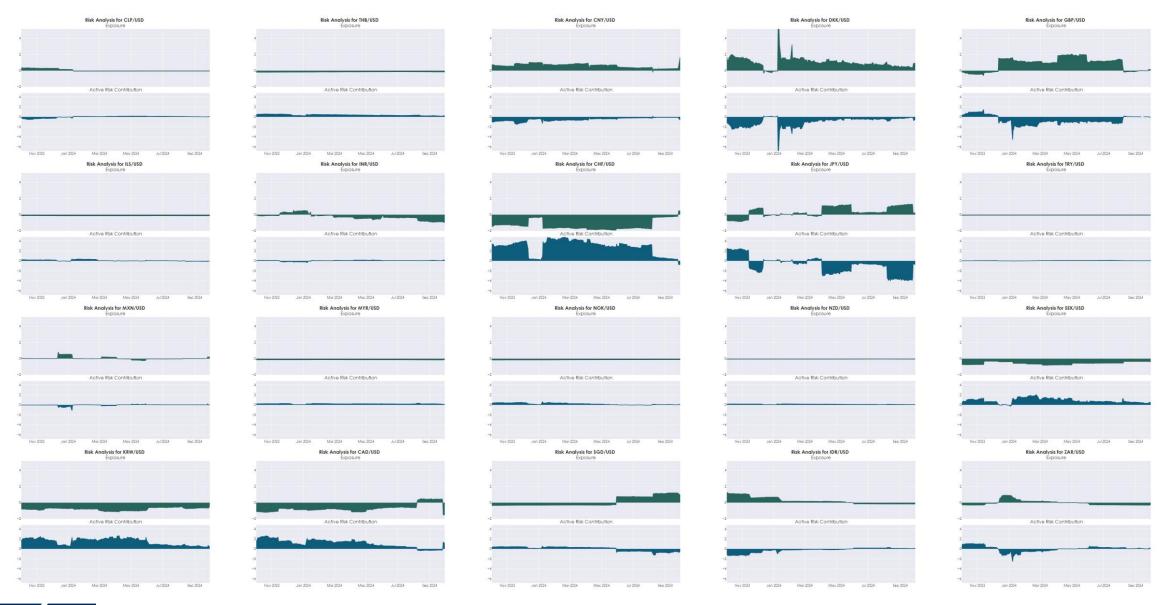
Exposure



Active Risk Contribution

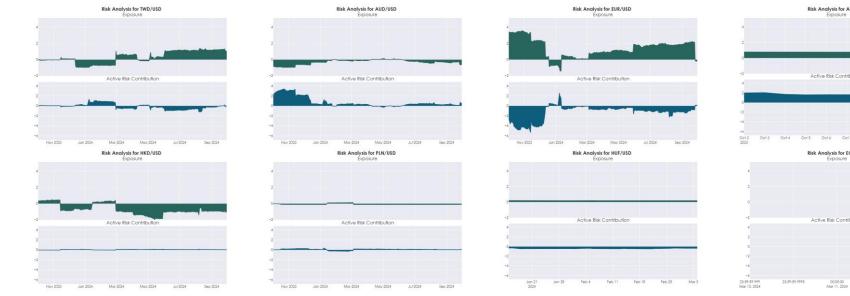


FX Contribution and Exposure





FX Contribution and Exposure

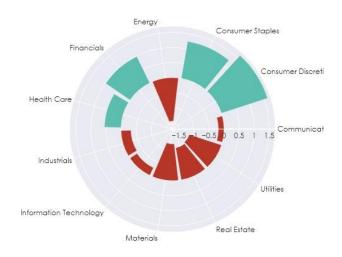




Risk Contribution For Styles

Style	Exposure	Active Risk Contribution
Communication Services	-0.19	0
Consumer Discretionary	1.61	4
Consumer Staples	1.25	-1
Energy	-1.44	1
Financials	0.98	0
Health Care	0.55	0
Industrials	-0.33	0
Information Technology	-0.28	11
Materials	-1.22	-1
Real Estate	-1.08	2
Utilities	-1.12	2

Exposure

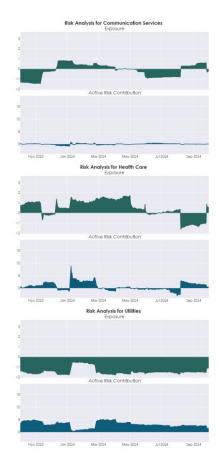


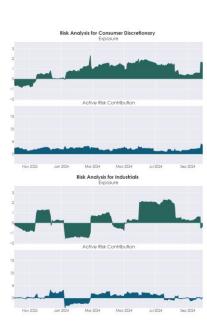
Active Risk Contribution

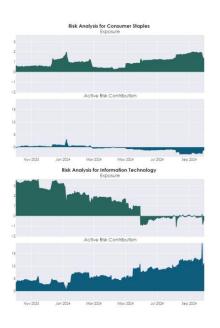


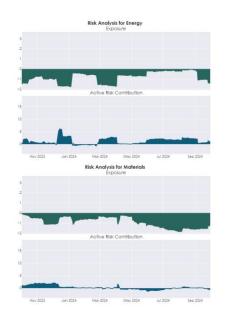


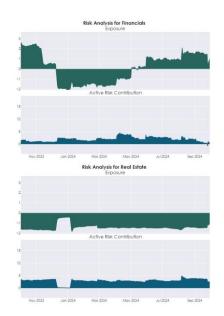
Sector Risk











Specific Risk

2023-09-30 -> 2024-09-30

Bottom 10 relative weights

Top 10 relative weights

Company	Weight	
TotalEnergies SE	1.24%	
Apple Inc.	0.87%	
Microsoft Corporation	0.84%	
NVIDIA Corporation	0.83%	
International Games System Co.	0.82%	
Alphabet Inc.	0.82%	
Caterpillar Inc.	0.79%	
NetEase, Inc.	0.79%	
Beazley plc	0.78%	
Visa Inc.	0.78%	

Donom To relative weights			
Company	Weight		
Meta Platforms, Inc.	-1.58%		
Tesla, Inc.	-0.95%		
JPMorgan Chase & Co.	-0.76%		
UnitedHealth Group Incorporate	-0.68%		
Exxon Mobil Corporation	-0.66%		
The Home Depot, Inc.	-0.51%		
Johnson & Johnson	-0.49%		
Tencent Holdings Limited	-0.47%		
AbbVie Inc.	-0.44%		
ASML Holding N.V.	-0.40%		

Top 10 absolute weights

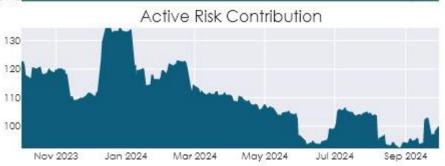
Company	Weight
Apple Inc.	5.16%
Microsoft Corporation	4.67%
NVIDIA Corporation	4.60%
Alphabet Inc.	3.12%
Amazon.com, Inc.	2.94%
Taiwan Semiconductor Manufactu	1.69%
Broadcom Inc.	1.68%
Eli Lilly and Company	1.58%
TotalEnergies SE	1.41%
Visa Inc.	1.33%

Portfolio Info

No object to the second	
Number of stocks	206
Active Share	67%

Risk Analysis for WRLD EQ Idiosyncratic

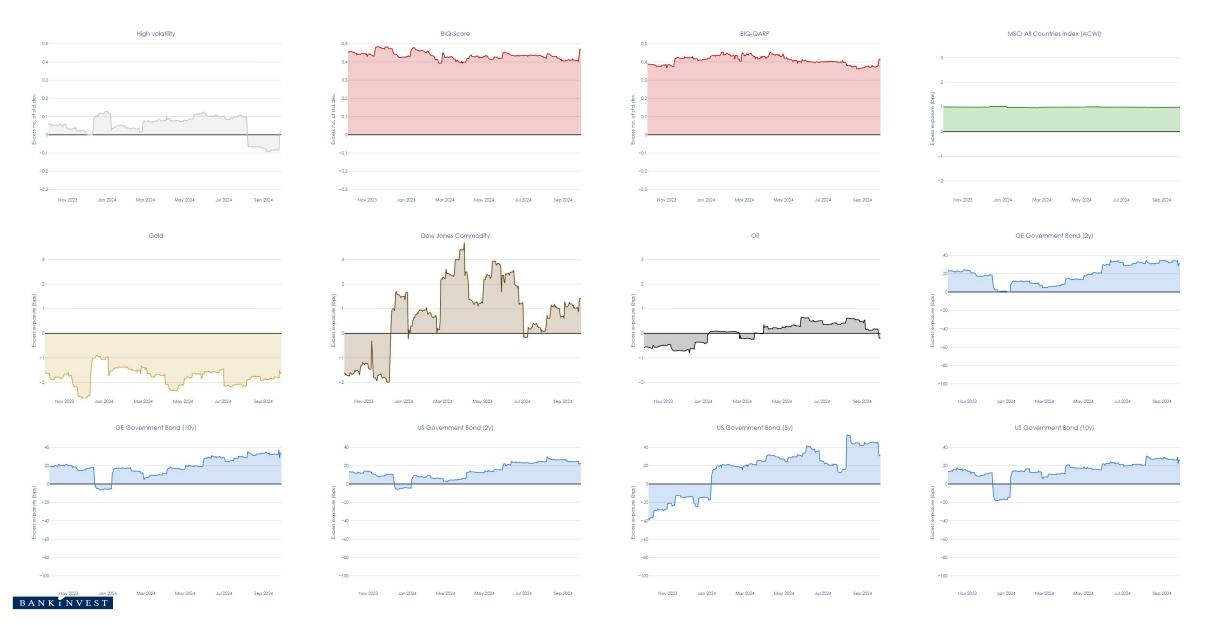




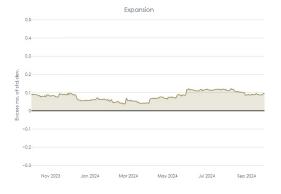
Styles Map



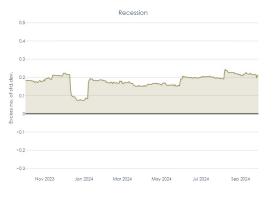
Styles Map

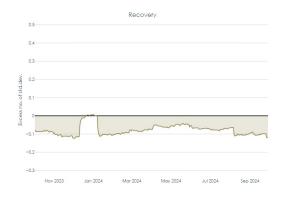


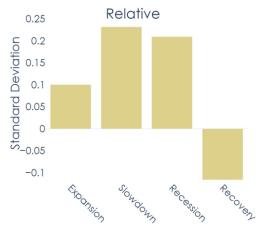
Style Map (Econ)

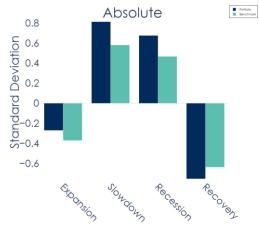


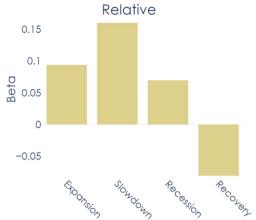


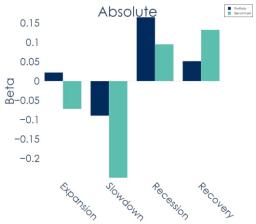


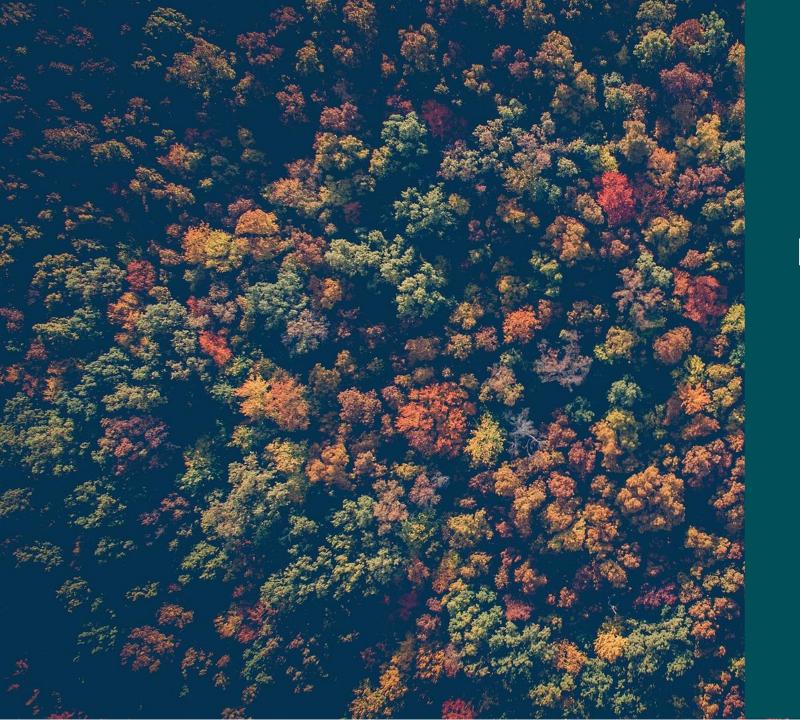










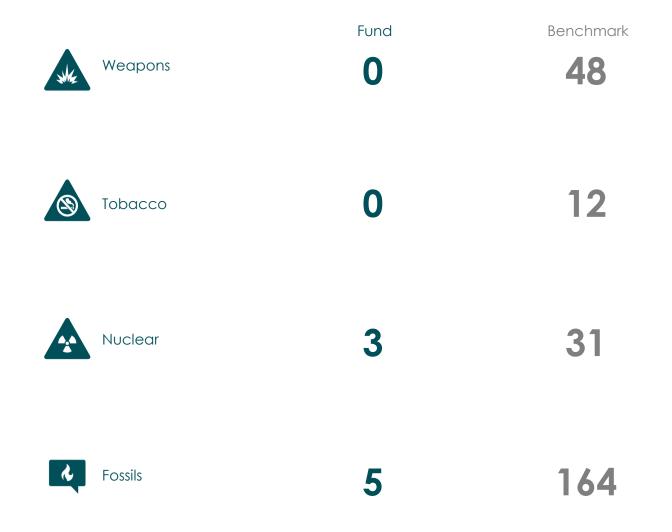


Responsible Investments

ESG Dashboard



Controversial Industries



BankInvest use Morningstar Sustainalytics' Product Involvement research to help identify companies involved in industries within the following categories:

- * Weapons
- * Tobacco
- * Nuclear
- * Fossil fuel

Controversial Industries

Nuclear

Company	ISIN	Nuclear Production
NRG Energy, Inc.	US6293775085	5-9.9%
The Kansai Electric Power Company, Incorporated	JP3228600007	10-24.9%
Engie SA	FR0010208488	5-9.9%

Fossils

Company	ISIN	Thermal Coal Extraction	Thermal Coal Power Generation	Oil & Gas Overall	Oil & Gas Supporting Products/Ser vices
The Kansai Electric Power Company, Incorporated	JP3228600007	N/A	5-9.9%	N/A	N/A
Schlumberger Limited	AN8068571086	N/A	N/A	50-100%	N/A
TotalEnergies SE	FR0000120271	N/A	N/A	50-100%	N/A
Eni S.p.A.	IT0003132476	N/A	N/A	50-100%	N/A
Baker Hughes Company	US05722G1004	N/A	N/A	50-100%	N/A

Tobacco

Weapons



International Norms

Human Rights

Status	Fund	Benchmark
Watchlist	3	47
Non Compliant	0	19

Labour Rights

Status	Fund	Benchmark
Watchlist	1	10
Non Compliant	0	0

Environment

Status	Fund	Benchmark
Watchlist	1	20
Non Compliant	0	4

Business Ethics

Status	Fund	Benchmark
Watchlist	1	13
Non Compliant	0	1

BankInvest uses Sustainalytics' Global Standards Screening to assess companies' negative impacts on sustainability factors. Sustainalytics is tasked with monitoring and screening whether and to what extent a company violates international norms and standards. The research provides assessments covering the UN's Global Compact Principles, International Labour Organization's (ILO) Conventions, OECD Guidelines for Multinational Enterprises and the UN Guiding Principles on Business and Human Rights (UNGPs).



International Norms

Human Rights

Company	ISIN	Overall Global Standards Screening Assessment	Overall Principles Violated
Amazon.com, Inc.	US0231351067	Watchlist	Principle 1;Principle 3;Principle 4
TotalEnergies SE	FR0000120271	Watchlist	Principle 1
Caterpillar Inc.	US1491231015	Watchlist	Principle 2

Labour Rights

Company	ISIN	Overall Global Standards Screening Assessment	Overall Principles Violated
Amazon.com, Inc.	US0231351067	Watchlist	Principle 1;Principle 3;Principle 4
Grupo México, S.A.B. de C.V.	MXP370841019	Watchlist	Principle 3;Principle 7

Environment

Company	ISIN	Overall Global Standards Screening Assessment	Overall Principles Violated
Grupo México, S.A.B. de C.V.	MXP370841019	Watchlist	Principle 3;Principle 7

Business Ethics

Company	ISIN	Overall Global Standards Screening Assessment	Overall Principles Violated
Pilgrim's Pride Corporation	US72147K1088	Watchlist	Principle 10



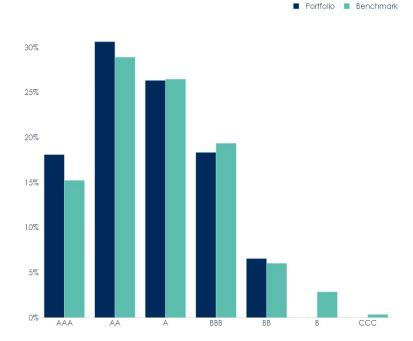
ESG Rating

A

Porteføljens ESG rating

A

Benchmarket ESG rating



BANKINVEST

BankInvest use MSCI for calculating ESG-Scores. MSCI ESG Ratings aim to measure a company's management of financially relevant ESG risks and opportunities.

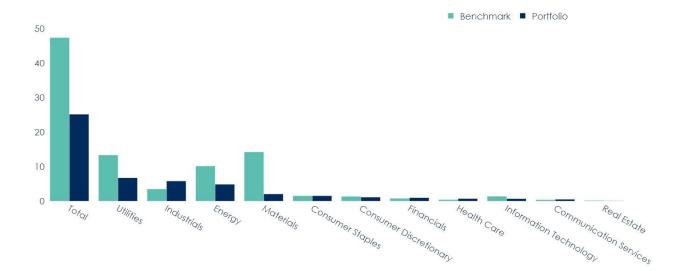
MSCI use a rules-based methodology to identify industry leaders and laggards according to their exposure to ESG risks and how well they manage those risks relative to peers. ESG Ratings range from leader (AAA, AA), average (A, BBB, BB) to laggard (B, CCC).

CO2 Intensity

25 Portfolio CO2 / EVIC

47 Benchmark CO2 / EVIC

-47% Excess CO2 / EVIC int



CO2 footprint is defined as carbon emissions normalized by enterprise value including cash. (Unit: tons of CO2/\$ million enterprise value including cash).

The measure allows comparison of total carbon emissions adjusted for the size of the company.

UN Development Goals

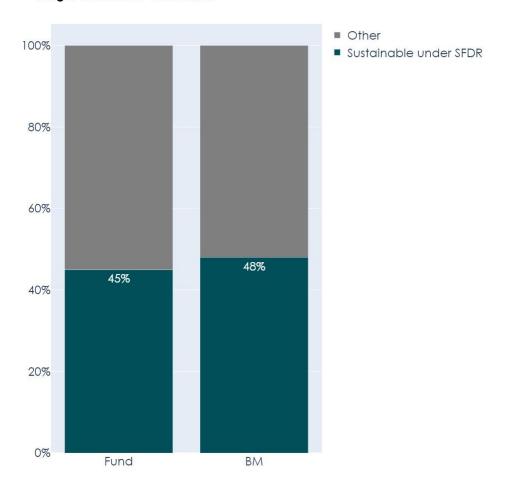


% of the portfolio is invested in companies with higher than 20% revenue directly impacting UN SDGs

BankInvest use MSCI SDG score to measure the impact of a company's products and services on achieving targets associated with each of the 17 SDGs

SFDR

Weight Distribution - Fund & BM



The EU Sustainable Finance Disclosure Regulation (SFDR) is a regulation that aims to enhance transparency and comparability to investors on how companies integrate sustainability dimensions in their general processes.

In SFDR, a sustainable investment is defined as an investment that contributes to a social and/or environmental objective. According to EU legislation, a sustainable investment should contribute to at least one objective without causing significant harm to the others. Additionally, the companies in which investments are made must adhere to good governance practices.

EU Taxonomy



Company	Weight	EU Taxonomy (% of total revenue)	Industry Subsector
Microsoft Corporation	4.67%	1.06%	Systems Software
NVIDIA Corporation	4.60%	3.59%	Semiconductors
Taiwan Semiconductor Manufactu	1.69%	0.12%	Semiconductors
The Sherwin-Williams Company	0.84%	0.39%	Specialty Chemicals
Carlisle Companies Incorporate	0.77%	0.14%	Building Products
International Business Machine	0.30%	0.11%	IT Consulting & Other Services
Contemporary Amperex Technolog	0.27%	0.26%	Electrical Components & Equipment
BYD Company Limited	0.24%	0.18%	Automobile Manufacturers
Klépierre SA	0.23%	0.13%	Retail REITs
Daiwa House Industry Co., Ltd.	0.21%	0.17%	Diversified Real Estate Activities

The EU Taxonomy seeks to promote sustainability and create a uniform reporting of sustainability within the EU.

The EU Taxonomy focuses on defining which activities can be considered sustainable.

Top-10 Largest positions in the fund where EU taxonomy is at least 1% of revenue.

Data from the companies' own reporting. For companies that do not report data and do not have to report (typically outside the EU), MSCI estimates are used.



Performance Diff og Fund Performance (MTD)

Excess Return
Sustainability -0.0%
Alpha Model -0.6%

Fund -0.6%

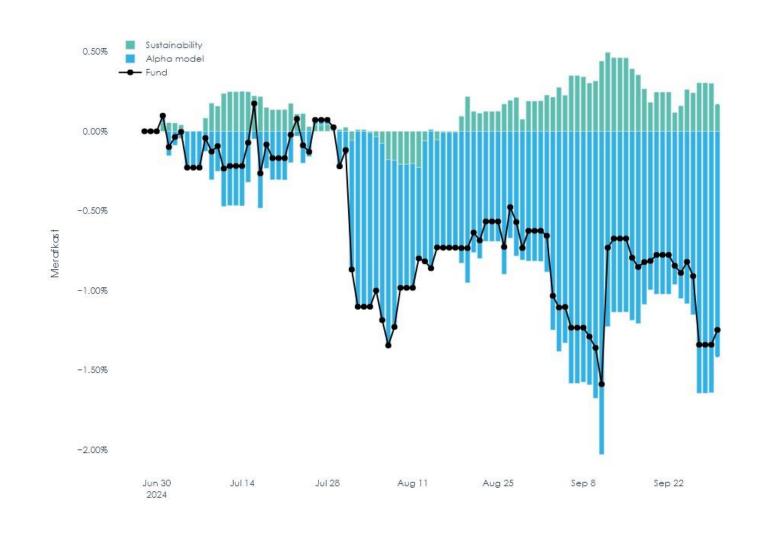




Performance Diff og Fund Performance (QTD)

Excess Return
Sustainability 0.2%
Alpha Model -1.4%

Fund -1.2%





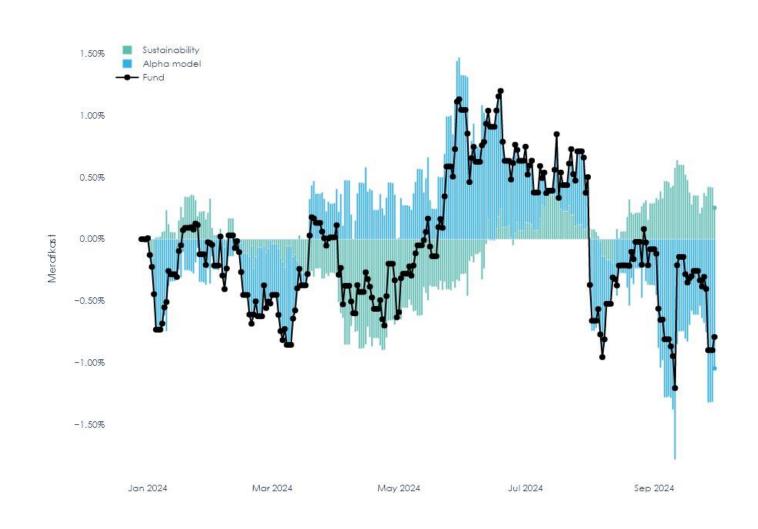
Performance Diff og Fund Performance (YTD)

Excess Return Sustainability Alpha Model -1.1%

0.3%

Fund

-0.8%

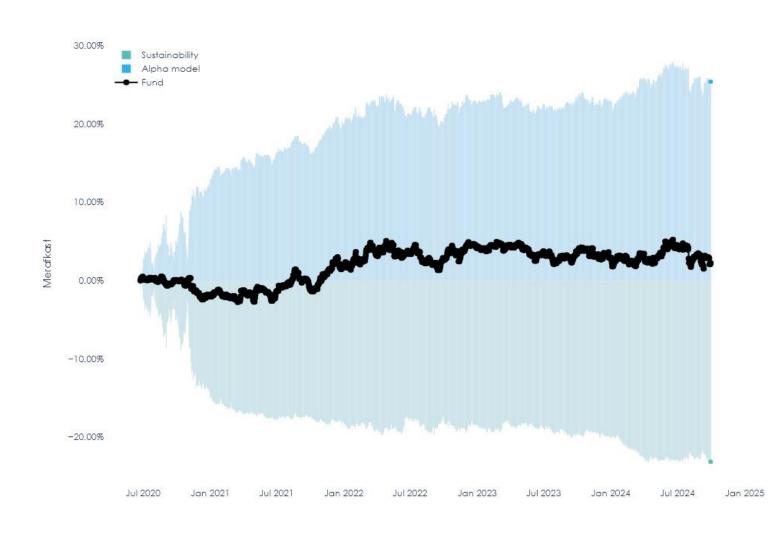




Performance Diff og Fund Performance

Excess Return
Sustainability -23.1%
Alpha Model 25.4%

Fund 2.3%





Global Responsible Equities

Disclaimer

This document is produced by the BankInvest Group (BankInvest) and should be considered as marketing material. The purpose is to provide general information about the fund and should not be considered as an investment recommendation. Any reference to companies and securities should only be viewed in relation to the fund's portfolio- and risk profile. BankInvest does not assume any responsibility for the completeness or accuracy of the disclosed information whether it is provided by BankInvest or obtained from public sources that BankInvest consider reliable. BankInvest accepts no liability for transactions or omissions made on basis of the information provided in this document. We recommend that you obtain your own professional advice before making any investment.

Past performance is not a reliable indicator of future performance. The fund is an actively managed UCITS-ETF, and the fund's holdings are available at www.bankinvest.dk. Any investment decision should be based on the information contained in the relevant prospectus, the Key Investor Information Document as well as the most recently published annual and semi-annual reports which are all available at

www.bankinvest.dk

