



ESG Portfolio Management



A bridge to effective sustainable investment solutions



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November 2023

Only for professional clients and eligible counterparties. No onward transmission to private clients.

Agenda

1. Executive Summary
2. Company profile
3. Our Investment philosophy
4. Investment process
5. Customer-oriented implementation solutions
6. Appendix

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Executive Summary

Attractive, risk-adjusted returns can be achieved with sustainability.



If all companies operated as the companies in our funds do, global warming could be limited to below 2 degrees by 2050.

Executive Summary



Measurable positive impacts on Sustainable Development Goals (SDGs) should increase the expected performance of our funds.



The selection of issuers with high ESG qualities should reduce the risk of the investments.



Careful research with internal credit rating models allows us to construct truly sustainable portfolios.



The companies we invest have a low carbon-intensity which makes our funds aligned with the Paris-Climate-Agreement.

Executive Summary

SDG EVOLUTION FLEXIBEL: Conservative European Multi-Asset Strategy

Financial	Sustainability
1. Attractive absolute return	1. Average portfolio ESG rating of at least AA*
2. Positive total return target of over 4% Pay-out target of at least 2%	2. Minimum portfolio SDG impact of 40%*
3. Hedging of risks through ESG integration and use of equity put options	3. Adherence to 2 degree target of the Paris Climate Agreement

SDG EVOLUTION BONDS: Conservative European investment grade fixed-income strategy

Financial	Sustainability
1. Attractive return compared to the European investment grade universe	1. Average portfolio ESG rating of at least AA*
2. Positive total return target of over 2% Pay-out target of at least 1%	2. Goal: portfolio SDG impact of 30%*
3. Hedging of risks through ESG integration and use of bond derivatives	3. Adherence to 2 degree target of the Paris Climate Agreement

*Data source: MSCI ESG; see appendix for methodology

Company Profile

History



Company Profile

Our Awards



BEST MULTI-ASSET
INVESTMENT FUND
ESG Investing
Winner: Awards 2021



BEST FIXED INCOME
INVESTMENT FUND
ESG Investing
Winner: Awards 2021



MORNINGSTAR



Climetrics



Company Profile

Our Memberships



Signatory of:



Signatory of:



Mitglied im
Petersmann Institut
DURCH WERTE VERBUNDEN



Company Profile

Our partners



Fund Administrator (KVG)



Asset Management / Trade Execution



Custodian of SDG Evolution Bonds



Custodian of SDG Evolution Flexibel



Liability Umbrella



Key Investor

Company Profile

Our Team – engaged and motivated



Christoph Klein
CFA, CEFA
Founder & Managing Partner



Dr. Linn Karstadt
Corporate Strategy &
Business Development



Frank Rothauge
CFA
Equity Expert



Benedict Schiermeyer
Working Student
BSc Candidate Finance



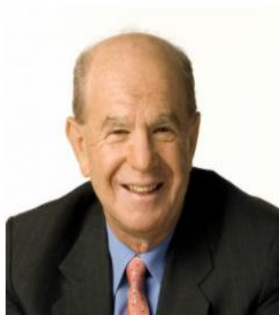
Konstantinos Passias
Working Student
MEng Student Environment



Max Vollmann
Working Student
BSc Student Finance

Company Profile

Our Advisory Board: international know-how for specific problems



Prof. Dr. E. I. Altman
Prof. em. für Finance
Stern School of Business



Eveline Lemke
Gründerin
Thinking Circular



Dr. Kim Schumacher
Dozent Finanzen & ESG
Tokio Institute of Technology



Lara Obst
Gründerin & Chief Climate Officer
THE CLIMATE CHOICE



Christoph Michel
Leiter Philanthropie
Stiftung Zuhören



Dr. Altfried M. Lütkenhaus
Ehem.
Vorstandsmitglied
Frankfurter Sparkasse



Markus Büchter
Gründer MBV Vision
& Consulting FZCO



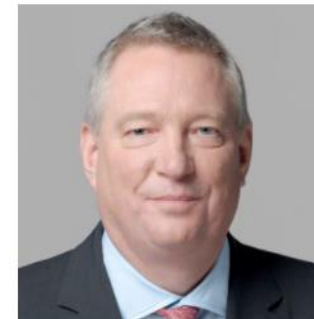
Dr. Bob Buhr
Gründer & Direktor
Green Planet Consulting



Dr. Helmut Kaiser
Gründer & Direktor
Kaiser Financial
Consulting



Paresh Sheth
Direktor CASI (globale
Zertifizierungsstelle für CSR)



Paul Smith
Ehem. Präsident
CFA Institute

Our Investment-Philosophy

Our Values

Sustainability

In all our assets, our main focus is constantly and unreservedly directed towards the sustainability of our products.

Liquidity

Our funds and the positions they contain are tradable on a daily basis.



Protection







Active risk management reduces risk even in difficult times.

**Invest sustainably and safely in liquid funds of the
ESG Portfolio Management**

Our Investment-Philosophy

Data Provider

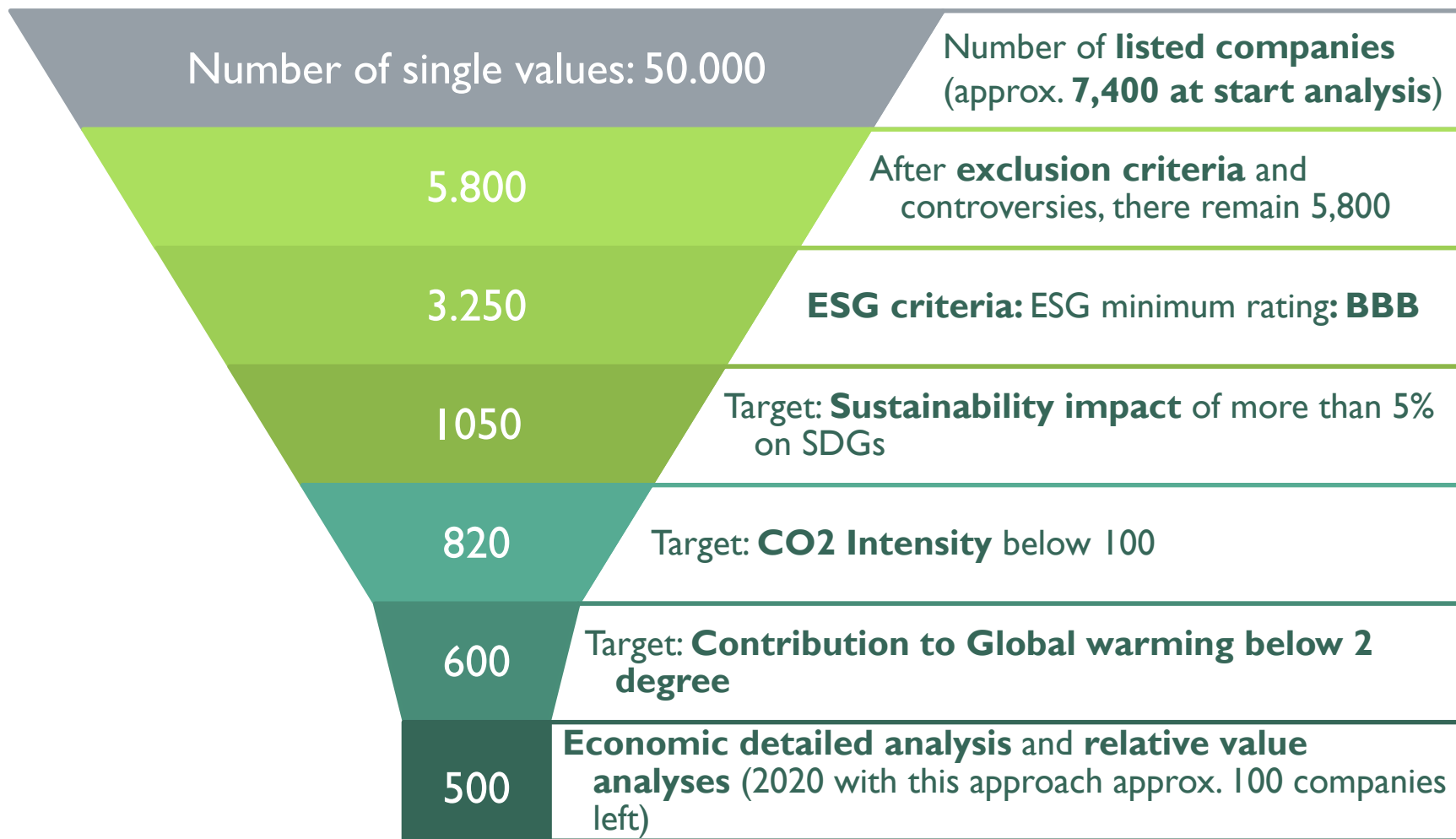
We use a variety of high-quality data providers to optimize our financial performance and sustainable performance on an ongoing basis.

Provider		Data
Bloomberg		Financial Data, ESG Data
MSCI ESG Data		ESG Data, Carbon Footprint Data, Taxonomy Alignment, Temperature Data
Clarity AI		ESG Data, Taxonomy Alignment
Right. Based on Science		ESG Data, Temperature Data
ESG Screen 17		ESG Data
Carbon Disclosure Project		CO2- Data

This data depth and quality differentiates us, enables transparent reporting and provides protection against greenwashing!

Our Investment-Philosophy

Multi-stage selection process



Investment process

MSCI ESG Rating:AAA

Our two funds SDG Evolution Flexibel and SDG Evolution Bonds were awarded the top rating AAA rating in their ESG ratings.



This is rare and distinguishes our funds in environmental, social and governance aspects.

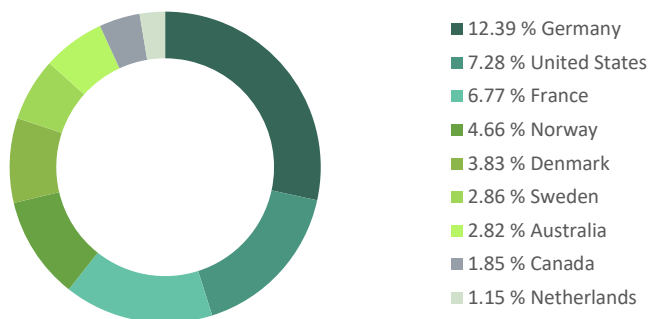


Source: MSCI ESG, as of 30. June 2023

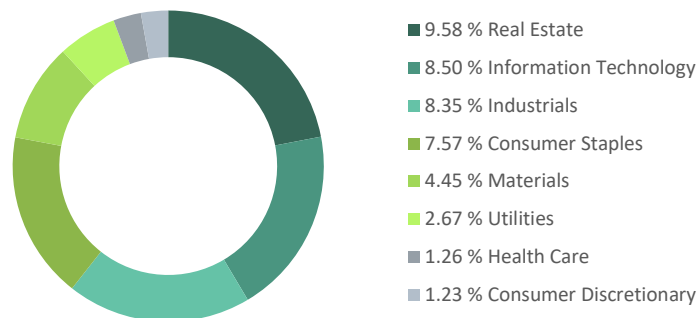
Our Investment-Philosophy

Broad diversification (using the example of SDG Evolution Flexible)

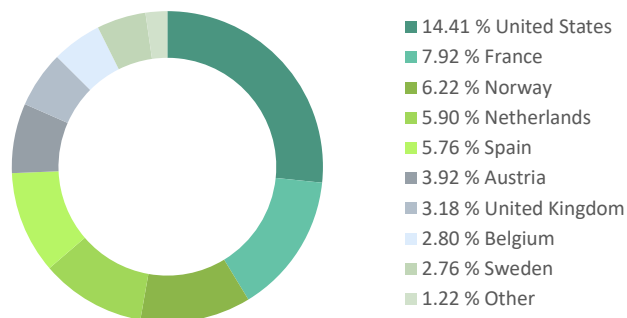
Equities by country



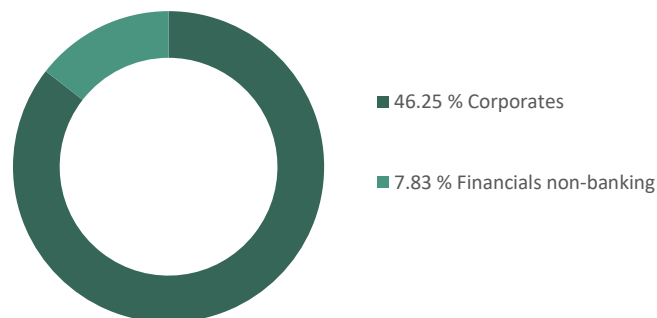
Equities by sectors



Fixed Income by country



Fixed Income by sectors



For the composition of the SDG Evolution Bond, see:
<https://fondsfinder.universal-investment.com/de/DE/Funds/DE000A2AQZE9/portfolio>

Source: Universal Investment, October 31st, 2023.

Investment process

Permanent Management

Acquisition:

Positive Impact on SDGs
low climate risks

Acquisition:

Attractive new issues
and promising shares

Minimum number of
positions :

SDG Evolution Flexibel: 50
SDG Evolution Bonds: 35

Selling:

Target price or
spread reached

Selling:

Deterioration of credit-
worthiness and price risks

Selling:

Deterioration of ESG Quality,
SDG impact, controversies, PAIs

Investment process

Exclusion criteria



We apply extensive exclusion criteria and thoroughly analyze for individual relevant ESG factors before purchase to minimize downside risks. To do this, we use various data providers and our own research to discover any controversies.

Methodology notes: see appendix

Exclusion criterion	Max. Share of sales
<ul style="list-style-type: none"> ▪ Weapons of mass destruction and controversy ▪ Coal production, processing & services ▪ High Risk Oil (Fracking, Arctic Drilling, Oil Sands) ▪ Nuclear power generation ▪ Uranium mining ▪ Embryonic stem cell research & cloning technology 	0%
<ul style="list-style-type: none"> ▪ Coal-fired power generation ▪ Oil production, processing and power generation ▪ High-risk oil (services) ▪ Production and distribution of key components for nuclear power plants ▪ Biocides ▪ Animal testing ▪ Genetic engineering in food production ▪ Civilian weapons ▪ Conventional tobacco products and alcohol ▪ Entertainment media (gambling, gaming, pornography) 	5%

Investment process

High ESG- Qualities

ESG – Environmental, Social, Governance
Riskmanagement – to help you sleep well at night



The application of strict **exclusion criteria** and a **minimum ESG rating** of BBB guarantees high ESG qualities.

Investment process

High ESG qualities - PAIs

In the EU action plan to achieve the transformation to a sustainable economy, the Sustainable Finance Disclosure Regulation (SFDR) was adopted in 2019.

It includes **disclosure requirements for financial institutions** at the organizational and product level.

According to SFDR, our two funds are classified as **Article 9 funds**.

Therefore, we do not only consider the previously mentioned exclusion criteria but also the so-called **PAIs (Principal Adverse Impacts on Sustainability)**, impacts on the **SDGs** and EU Taxonomy Alignments.

These adverse impacts on sustainability include indicators from the areas of greenhouse gas emissions, energy efficiency, biodiversity, water, waste, social and employee affairs, human rights and corruption.

Source: Deloitte

<https://www2.deloitte.com/de/de/pages/financial-services/articles/nachhaltigkeit-offenlegungspflichten-finanzdienstleistungen.html>



Investment process

18 Indicators for assessing negative environmental and social impacts

Climate and other environment indicators

- GHG Emissions ('Scope 1, 2, 3 & total)
- Carbon Footprint
- GHG Intensity
- Fossil Fuel Sector
- Non-renewable energy consumption and production
- Energy consumption intensity per high impact climate sector
- Biodiversity sensitive area
- Emissions to water hazardous waste ratio

Social and governance indicators

- Violations of UN Global Compact principles and OECD guidelines
- Lack of processes and compliance mechanisms to monitor compliance with UN Global Compact principles and OECD guidelines
- Gender pay gap
- Board gender diversity
- Exposure to controversial weapons

Indicators for sovereigns, supranationals, and real estate

- GHG intensity (for sovereigns)
- Investee countries subject to social violations (for sovereigns)
- Exposure to fossil fuels through real estate assets (for real estate)
- Exposure to energy inefficient real estate assets (for real estate)
- Exposure to energy inefficient real estate assets (for real estate)

Investment process

Example - 14 mandatory PAIs for companies in SDG Evolution Flexible

	Coverage	Total ¹	Units
Categories ²	SFDR profile ³	SFDR profile ³	SFDR profile ³
Expand all Close all Categories ²			
▼ COMPANIES Calculated from 34 out of 34 ¹	-	-	-
▼ Environmental	-	-	-
▼ M1 - Total GHG emissions	98.38 %	< 0.01	tonne CO2e
M1.1 - Scope 1 GHG emissions	98.38 %	< 0.01	tonne CO2e
M1.2 - Scope 2 GHG emissions	98.38 %	< 0.01	tonne CO2e
M1.3 - Scope 3 GHG emissions	98.38 %	< 0.01	tonne CO2e
M2 - Carbon footprint	98.38 %	2,058.65	tonne CO2e / E...
M3 - GHG intensity of investee companies	98.38 %	2,547.10	tonne CO2e / E...
M4 - Exposure to companies active in the fossil fuel sector	81.53 %	0.00 %	%
▼ M5 - Share of non-renewable energy consumption and production	0.00 %	-	-
M5.1 - Share of non-renewable energy consumption	85.69 %	65.79 %	%
M5.2 - Share of non-renewable energy production	58.64 %	2.19 %	%
▼ M6 - Energy consumption intensity per high impact climate sector	100.00 %	0.29	GWh / EUR M re...
M6.1 - Energy consumption intensity per high impact climate sector A	100.00 %	5.19	GWh / EUR M re...
M6.2 - Energy consumption intensity per high impact climate sector B	100.00 %	0.07	GWh / EUR M re...
M6.3 - Energy consumption intensity per high impact climate sector C	100.00 %	0.14	GWh / EUR M re...
M6.4 - Energy consumption intensity per high impact climate sector D	100.00 %	0.20	GWh / EUR M re...
M6.9 - Energy consumption intensity per high impact climate sector L	100.00 %	0.31	GWh / EUR M re...
M7 - Activities negatively affecting biodiversity sensitive areas	86.19 %	0.00 %	%
M8 - Emissions to water	4.52 %	< 0.01	tonne / EUR M i...
M9 - Hazardous waste	98.38 %	6.58	tonne / EUR M i...
▼ Social	-	-	-
M10 - Violations of UN Global Compact principles and OECD Guidelines for Multinational Enterprises	86.19 %	0.00 %	%
M11 - Lack of processes and compliance mechanisms to monitor compliance with UNGC and OECD-GME	90.60 %	0.00 %	%
M12 - Unadjusted gender pay gap	42.33 %	4.71 %	%
M13 - Board gender diversity	90.60 %	40.05 %	%
M14 - Exposure to controversial weapons	87.93 %	0.00 %	%

Source: Clarity AI, Date September 30th, 2023

Investment process

High ESG qualities - ESG minimum rating



Data sources: We use licenses from MSCI ESG, Bloomberg, CDP (Carbon Disclosure Project) and Clarity AI as well as external research.



Method: We filter by ESG ratings and exclusion criteria and thoroughly analyze internally for individual relevant ESG factors before purchase to minimize risk of loss.

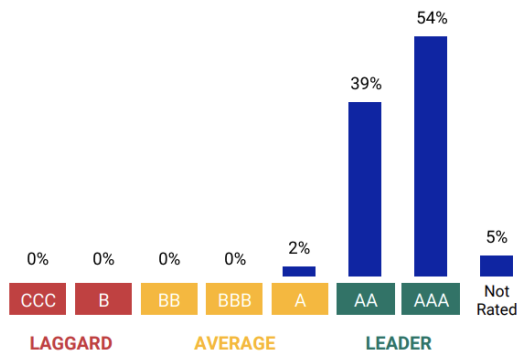


We aim for average ESG ratings of AAA at the fund level.



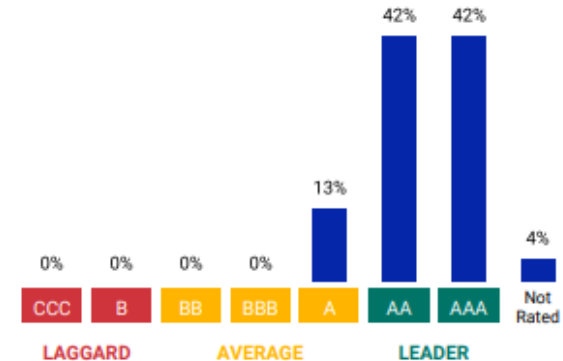
The minimum ESG rating of individual portfolio positions of our funds is BBB (currently the worst ESG rating is A).

SDG Evolution Flexibel



MSCI ESG Rating of the SDG Evolution Flexible
Status: September 30th, 2023
Methodology notes: see appendix

SDG Evolution Bonds



MSCI ESG Rating of the SDG Evolution Bonds
Status: October 31th, 2023
Methodology notes: see appendix

Investment process

SDGs

SDG – Sustainable Development Goals

Positive Impact - so that you know what you wake up to in the morning

- 17 UN goals for the future of the world until 2030
- We focus especially on the goals

Focus people

#2 No hunger

#3 Health and well-being

#4 Quality education

Focus on nature

#7 Affordable and clean energy

#12 Sustainable consumption & production

#13 Climate protection measures



Investment process

SDG-Analysis – SDG Evolution Flexibel



Method: We select companies with positive SDG impacts that have no negative impacts.



The contribution of the portfolio should be above 30% for both funds. Most sustainable benchmarks achieve a value of only about 5%.



The SDG impact of each position and of the overall fund is measured as a share of sales that can be clearly attributed to an SDG.



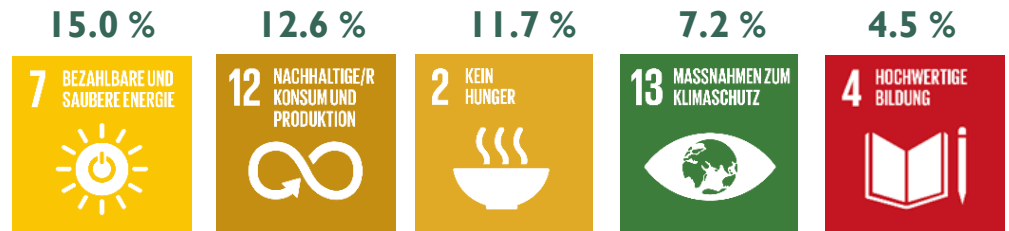
Data Sources: For SDG impact measurement, we use licenses from MSCI ESG and ESG Screen I7, as well as other external research.

SDG-Contribution measurement – SDG Evolution Flexibel:

56.5%*



TOP 5 SDGs:



Values reflect the portfolio-weighted average of the percentage of sales of each company generated by products and/or services with sustainable impacts.

Source, MSCI ESG, October 31st, 2023, own calculations.

Methodology notes: see appendix

Investment process

SDG-Analyse – SDG Evolution Bonds



Method: We select companies with positive SDG impacts that have no negative impacts.



The contribution of the portfolio should be above 30% for both funds. Most sustainable benchmarks achieve a value of only about 5%.



The SDG impact of each position and of the overall fund is measured as a share of sales that can be clearly attributed to an SDG.



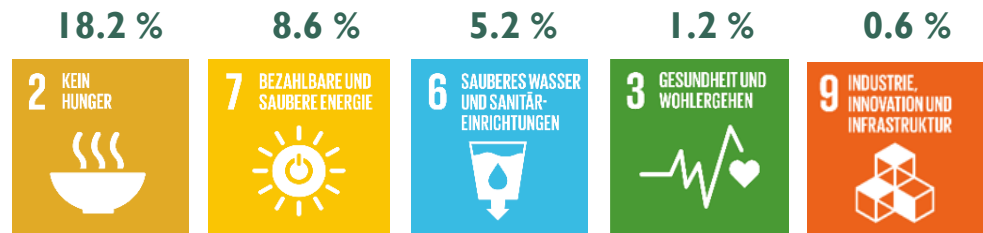
Data Sources: For SDG impact measurement, we use licenses from MSCI ESG and ESG Screen I7, as well as other external research.

SDG-Contribution measurement– SDG Evolution Bonds:

33,9%*



TOP 5 SDGs:



Values reflect the portfolio-weighted average of the percentage of sales of each company generated by products and/or services with sustainable impacts.

Source, MSCI ESG, October 31st, own calculations.

Methodology notes: see appendix

Investment process

Example companies* with positive SDG impact

We particularly want to invest in companies that promote the transition to a sustainable future with their corporate activities. In particular, companies that strongly reduce emissions, are extraordinarily committed to climate protection or are active in the field of renewable energies find their way into our funds.

Sims Ltd. :



Source: urbangreencouncil.org



- Sims Ltd. is a global metals recycling company based in Australia.
- Recycling in the metals sector results in significant GHG emissions savings and less air pollution.
- SDG impact: 98% & MSCI ESG rating: AAA

SMA Solar:



Source: <https://cdn.sma.de/capital-markets-day-2022>



- SMA Solar Technology AG, headquartered in Hesse, Germany, is a global provider of photovoltaic technology
- The company has made a clear statement against Modern Slavery.
- The company achieves the maximum SDG impact of 100% and an ESG rating of AAA.

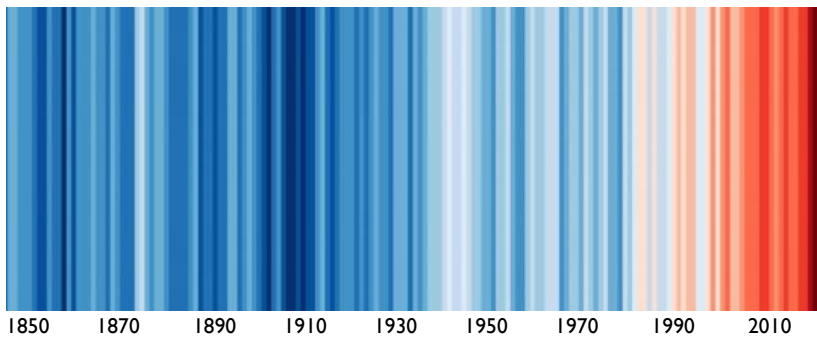
* There is no guarantee that these companies will permanently be part of the portfolio, as it is continuously adjusted and short-term changes are also possible.

Investment process

Background: Climate risks

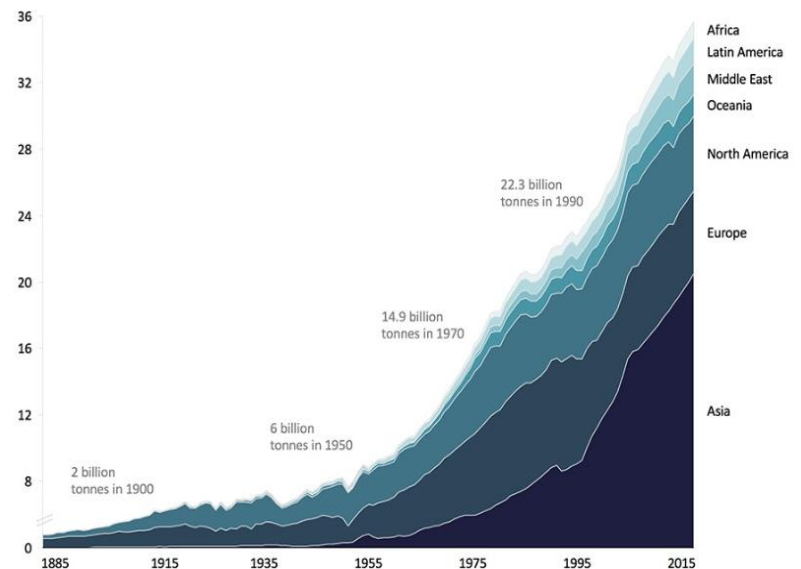
- Climate risks are the greatest threat of our time and are now receiving the highest attention from society and politicians as well as regulators and investors.
- We are committed to ensuring that our funds cause less than 2 degrees of global warming.

According to heat streaks from 1850-2018, global temperatures rise sharply from 1990:



Source: Prof. Ed Hawkins: Warming stripes for 1850-2018.
<https://showyourstripes.info/>

Increase in CO2 emissions, especially in Asia:







Source: <https://www.consultancy.uk/news/13553/global-co2-emissions-and-the-20-most-polluting-countries-in-the-world>

Investment process

Background: Climate risks

GDP losses are expected globally for different warming scenarios by 2050.

Economic impacts		<2 °C		3 °C	5 °C
		-10%	-13%	-23%	-45%
	Global GDP impact (2018: \$80tn)				
	Stranded assets	Transition: fossil fuel assets (supply, power, transport, industry)		Mixed: some fossil fuel assets mothballed, some physical stranding	Physical: uninhabitable zones, agriculture, water-intensive industry, lost tourism etc
	Food supply	Changing diets, some yield loss in tropics		24% yield loss	60% yield loss, 60% demand increase
	Insurance opportunities	New low-carbon assets and infrastructure investment (e.g. CCS)		Increasing demand to manage growing risks	Minimal: recession, tensions, high and unpredictable risks

Source: basierend auf Chief Risk Officers Forum, 2019

Investment process

Paris Climate Agreement: CO₂ - intensity & <2°C

Limiting warming is urgently needed to avert devastating consequences for our world and our economy. By investing in our funds, they contribute to this.

The climate risk experts at "right. based on science" have calculated: If all companies worked the way the companies in our funds do, global warming could be limited to around **2 degrees** by 2050.



We also invest in companies that do not currently operate in a climate-neutral way but show high efforts to reduce emissions. Through our investment, we can support them in their **transition** to a climate-neutral economy.

Sources:

<https://www.right-basedonscience.de>

<https://www.cdp.net/en/investor/climetrics>

Investment process

Our funds strive for high taxonomy compliance

- The EU taxonomy is a classification system that creates a uniform definition of environmentally sustainable economic activities.
- The taxonomy compliance of our funds therefore indicates the percentage of sales of the companies in our two portfolios attributable to taxonomy-compliant activities (currently environment-related).

Clarity AI (eligible):	SDG Evolution Flexible	55%	SDG Evolution Bonds	28%
Clarity AI (aligned):		22%		6%
MSCI ESG (eligible):		59%		53%
MSCI ESG (aligned*):		49%		21%

- Out of 31,000 funds, only 7% have more than 10% "green returns" according to EU taxonomy (Source: Clarity AI).



Taxonomy-Alignment; SDG Evolution Flexible;
Source: Clarity AI; As from: September 30th, 2023



Taxonomy-Alignment; SDG Evolution Bonds;
Source: Clarity AI; As from: September 30th, 2023

*potentially aligned

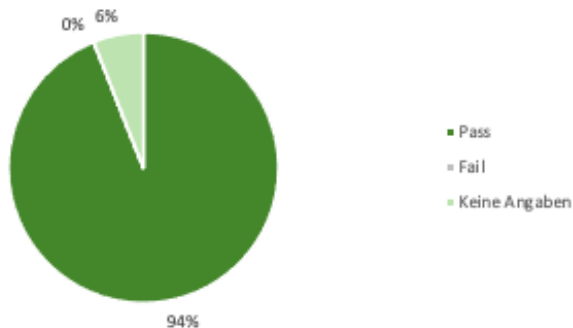
Investment process

Measurement with the EU Screening Tool (Article 2 No. 17 SFDR) from MSCI ESG (SDG Flexibel)

- For our Article 9 funds, we strive for a high level of compliance with MSCI's EU Screening Tool.
- For classification as Article 9 funds, there must be no "fail" in the portfolio
- Compared to our benchmark we perform very well for both funds

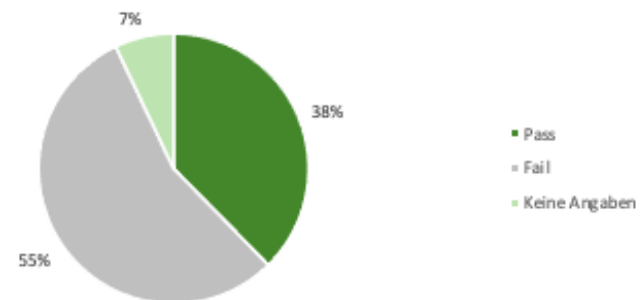
SDG Evolution Flexibel

SDG Flexibel - MSCI EU Sustainable Investment Screening



Benchmark

Benchmark SDG Flexibel - MSCI EU Sustainable Investment Screening



EU Screening Tool MSCI; SDG Evolution Flexibel and Benchmark; Source: MSCI ESG; as of: September 30th, 2023

EU Screening Tool MSCI; SDG Evolution Flexibel and Benchmark; Source: MSCI ESG; as of: September 30th, 2023

Investment process

Engagement and Proxy Voting

If we notice grievances or want to improve the general sustainability situation of a company, we use our voting rights and commitment.

We use our **proxy voting** of our funds' shares to improve ESG quality and SDG impact.



We **engage** with companies to improve their ESG quality and SDG impact.

We report transparently on engagements and proxy votes:
www.esg-pm.com

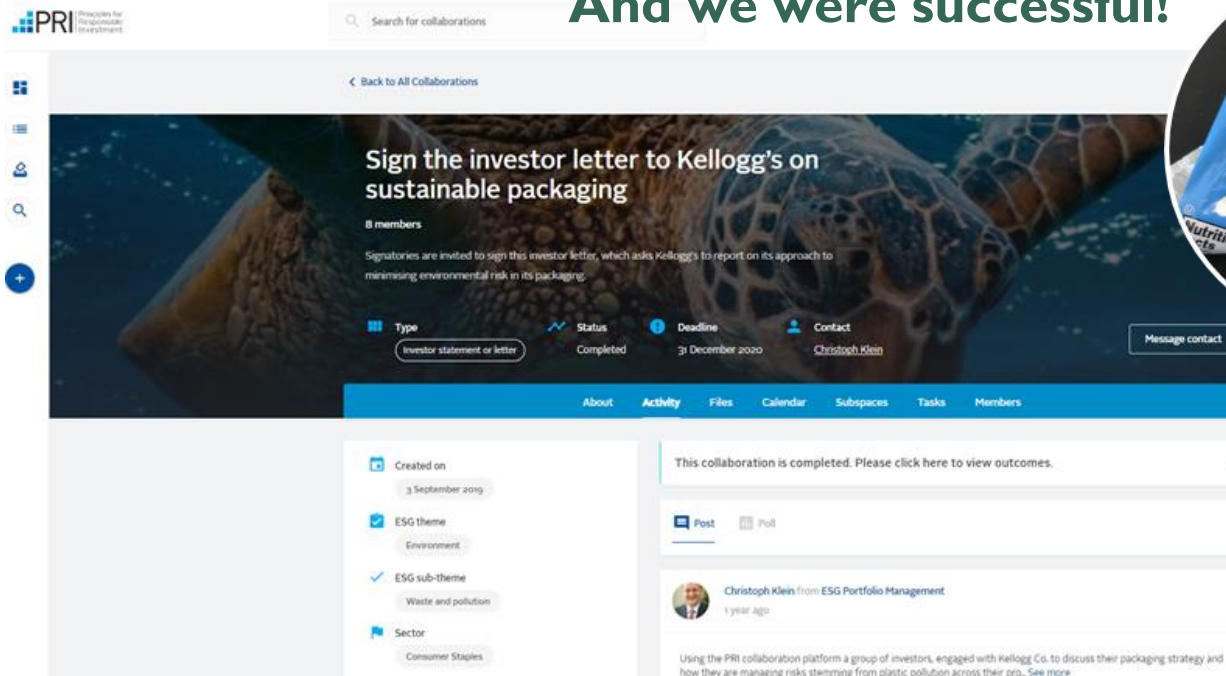
Investment process

Example Engagement and Proxy Voting

But does something like that lead to change at all?: YES!

We launched a global initiative through UN PRI to reduce Kellogg's plastic consumption, which had come to our attention in a negative way.

And we were successful!



The screenshot displays the UN PRI collaboration platform interface. At the top, there is a search bar for collaborations and a navigation menu. The main content area features a large banner with the text "Sign the investor letter to Kellogg's on sustainable packaging" and "8 members". Below the banner, there is a section for "Signatories are invited to sign this investor letter, which asks Kellogg's to report on its approach to minimising environmental risk in its packaging." A table lists the collaboration details: Type (Investor statement or letter), Status (Completed), Deadline (31 December 2020), and Contact (Christoph Klein). A "Message contact" button is also visible. The bottom section shows a list of filters for the collaboration, including "Created on" (3 September 2019), "ESG theme" (Environment), "ESG sub-theme" (Waste and pollution), and "Sector" (Consumer Staples). A notification states "This collaboration is completed. Please click here to view outcomes." and a post by Christoph Klein from ESG Portfolio Management is shown, dated 1 year ago. The post content reads: "Using the PRI collaboration platform a group of investors, engaged with Kellogg Co. to discuss their packaging strategy and how they are managing risks stemming from plastic pollution across their pro. See more".

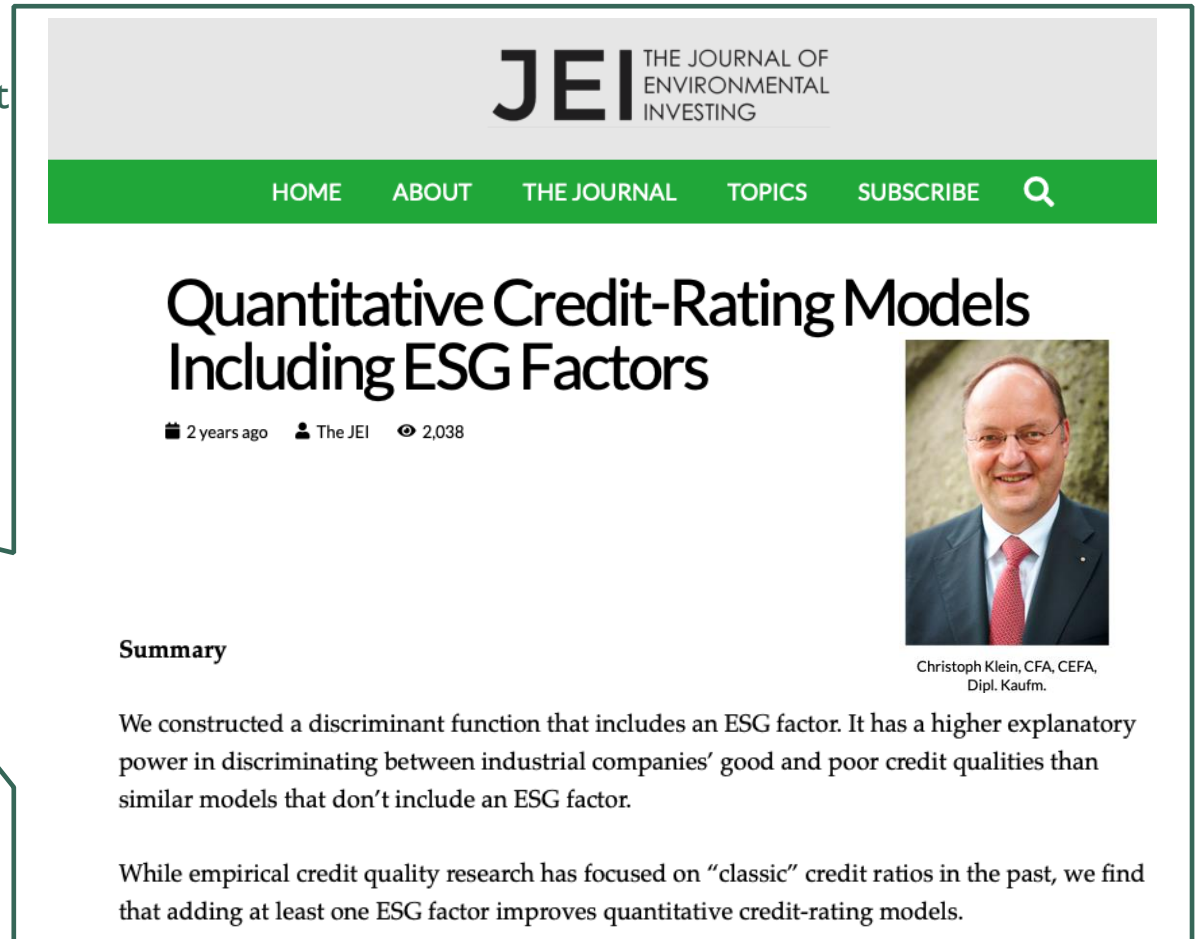


Investment process

Detailed economic analysis - proprietary credit rating model

We use internally generated quantitative rating models as part of our credit rating analyses:

We use the discriminant analysis method to calculate our internal credit rating models.



The screenshot shows the top of a website with the logo 'JEI THE JOURNAL OF ENVIRONMENTAL INVESTING'. A green navigation bar contains links for HOME, ABOUT, THE JOURNAL, TOPICS, and SUBSCRIBE, along with a search icon. The main content area features the article title 'Quantitative Credit-Rating Models Including ESG Factors' in large black font. Below the title, it indicates the article was published '2 years ago' by 'The JEI' and has '2,038' views. To the right of the title is a portrait of Christoph Klein, a man with glasses wearing a dark suit and a red tie. Below the portrait is his name and credentials: 'Christoph Klein, CFA, CEFA, Dipl. Kaufm.'. Underneath the portrait is the word 'Summary' in bold. The summary text reads: 'We constructed a discriminant function that includes an ESG factor. It has a higher explanatory power in discriminating between industrial companies' good and poor credit qualities than similar models that don't include an ESG factor.' Below this, another paragraph states: 'While empirical credit quality research has focused on "classic" credit ratios in the past, we find that adding at least one ESG factor improves quantitative credit-rating models.'

Source: <http://www.thejei.com/quantitative-credit-rating-models-including-esg-factors/>

Investment process

Example Detailed economic analysis - proprietary credit rating model

As an example, here is our credit rating model for industrial companies:

su fp		Modell: Industrials						
su fp Equity		Name: SCHNEIDER ELECTRIC SE						
Name: SCHNEIDER ELECTRIC SE								
Country: FR								
EUR								
SIMULATIONS								
Date		31.12.2021	31.12.2020	31.12.2019	31.12.2018	31.12.2017	31.12.2016	
Bs Tot Asset	55,000	54,547,0	49,482,0	45,003,0	42,259,0	39,849,0	41,851,0	
CF_FREE_CASH_FLOW	3,000	3,073,0	3,950,0	3,776,0	2,386,0	2,507,0	2,481,0	
BS_TOT_LIAB2	26,000	26,438,0	25,755,0	21,863,0	19,995,0	19,907,0	21,198,0	
Cf Cash From Oper	3,200	3,616,0	4,435,0	4,282,0	2,872,0	2,941,0	2,957,0	
BS_RETAIN_EARN	19,000	19,708,0	16,107,0	16,099,0	15,488,0	12,262,0	11,892,0	
TOT_MKT_VAL	80,000	113,551,5	78,352,2	63,478,3	45,113,0	50,956,5	49,436,1	
INTEREST_COVERAGE_RATIO	30	43,7	24,5	20,2	14,5	11,9	9,5	
TOT_DEBT_TO_TOT_ASSET	20	17,8	21,0	18,8	17,7	18,3	18,0	
Market Cap / Total Liabilities	3,08	4,30	3,04	2,90	2,26	2,56	2,33	
Free CF/ Total Liabilities	11,54%	11,62%	15,34%	17,27%	11,93%	12,59%	11,70%	
StDev (CFO)	671	716	756	614	155	172	159	
Mean (CFO)	3,296	3,309	3,387	3,070	2,834	2,826	2,798	
Vaco	4,9	4,6	4,5	5,0	18,3	16,5	17,6	
Retained Earnings / Total Assets	34,5%	36,1%	32,6%	35,8%	36,7%	30,8%	28,4%	
Local currency per US-Dollar	1,00	0,98	0,98	0,98	0,98	0,98	0,98	
Market Cap (local currency)	80,000	113,552	78,352	63,478	45,113	50,956	49,436	
Market Cap (USD)	80,000	116,334	80,272	65,033	46,218	52,205	50,647	
In Market Cap (USD)	25,11	25,48	25,11	24,90	24,56	24,68	24,65	
Carbon Emissions GHG Mitigation Score	7	7	7	7	7	7	7	
SCORE	21,20	21,76	21,19	21,02	20,63	20,77	20,68	
ESG PM - Rating	A2	A2	A2	A2	A3	A3	A3	
Moody's	A3		A3				STABLE	
S&P's	A-		A-				STABLE	
FITCH	WD		WD				#N/A N/A	

Internal Model:

- ✓ Linking with Bloomberg data
- ✓ Creation of internal ratings
- ✓ Allows simulations and scenario analyses
- ✓ Comparison with ratings from credit rating agencies

Investment process

Riskmanagement

Using various classical portfolio management strategies, we aim to reduce various risk groups in the portfolio and thus make performance more secure.



To **reduce the equity exposure**, we use puts on relevant equity indices such as DAX or EuroStoxx and carefully select the portfolio weight, strikes and maturities. This helps up to be **cost-efficient** and achieve a positive convexity in the portfolio.

Market Risk

In volatile market phases we use short-term **tactical** and longer-term anti-cyclical hedging strategies

Interest rate risk

We manage interest rate sensitivity via different instruments in order to avoid a "Bund future squeeze risk"

Currency risk

We hedge **currency risks**

Customer-oriented implementation solutions

Fund tranches overview

Tranches	SDG Evolution Flexibel AK I	SDG Evolution Flexibel AK R	SDG Evolution Bonds
Share class	Institutional	Retail	-
WKN	AIW9AZ	AIW9AA	A2AQZE
ISIN	DE000AIW9AZ5	DE000AIW9AA8	DE000A2AQZE9
Volume	EUR 2.1 million	EUR 1.2 million	EUR 0.7 million
Min. order volume	From EUR100,000	Unlimited	Unlimited
Distribution	Distributing	Distributing	Distributing
Current Benchmark	No Benchmark	No Benchmark	No Benchmark
Costs			
Total costs* p.a.	1.35%	1.63%	1.17%
Advisor	ESG Portfolio Management GmbH		ESG Portfolio Management GmbH
Investment Management Company	Universal-Investment-Gesellschaft mbH		Universal-Investment-Gesellschaft mbH
Custodian	State Street Bank International GmbH		Donner & Reuschel AG

*related to the previous fiscal year or estimates or the case of new funds

Source: Universal Investment, October 31th, 2023

Customer-oriented implementation solutions

Extremely high ESG quality of our funds and transparent reporting



ESG scores of 8.9 (SDG Evolution Flexibel) and 8.5 (SDG Evolution Bond) are top values! (Maximum: 10)



9.8% of the positions in the SDG Evolution Flexibel were recently upgraded, while 4.9% of the positions were downgraded. In the SDG Evolution Bonds, 8.3% of the positions were upgraded and also 8.3% were downgraded.



Both funds receive the highest marks of the most valuable certification of sustainable funds in Germany: The FNG label with three stars.



SDG Evolution Flexibel and Mayence Fair Value Bond Fund receive the highest sustainability rating of five globes from Morningstar

Sources: MSCI ESG, October 31st, 2023, <https://fondstrends.lu/produkte-und-vertrieb/erfahrungsbericht-unsere-bewerbung-um-das-fng-siegel/>;
<https://www.morningstar.de/de/funds/snapshot/snapshot.aspx?id=F00000SDU1>

Customer-oriented implementation solutions

Where does the performance come from? Scenario analysis:

Historic performance is no indication for future performance

	base case ^[SEP] (Equities+7%, Yields+0.2)	best ^[SEP] (E+10, Y flat, Spread -10Bp)	worst ^[SEP] (E-10, Y-20 Bp, Spread +30Bp)
Equity exposure x equity-portfolio-beta x equity market development	2.3	3	-3
Equity exposure x dividend yield (average: 2.5%)	0.75	0.75	0.75
Active Management of equity allocation and beta	0.5	0.5	0
Alpha from equity selection	0.5	1	-0.3
Fat tail management with equity options	-0.5	-0.5	2.0
Interest duration (currently 5)	-1	0	1
Active Management of interest duration and credit beta	0.5	1	-0.5
Credit duration (currently 6)	0	0.60	-1,80
Carry and oll own	0.33	0.33	0.33
Alpha from bond selection	0.5	1	-0.3
Cash	-0.03	-0.03	-0.03
Sum	3.9	7.6	-1.9

Source: own estimates and calculations

Customer-oriented implementation solutions

Individual solutions to your needs



Appendix

Parameters: SDG Evolution Flexibel

SDG EVOLUTION FLEXIBEL: Conservative European Multi-Asset Strategy

	Min		Max
Gross equity exposure	25%	43.6	49%
Net equity exposure	0%	18.2	49%
Rating	BB-	BBB+	AAA
Net Effective Duration Inkl. Derivate	-2	4.36	5
Spread Duration	4	4.48	7
HY/NR exposure	0%	13.8	20%
EM exposure	0%	0	10%

Currency risks are hedged by at least 99 %.

Source: Universal Investment, October 31th, 2023

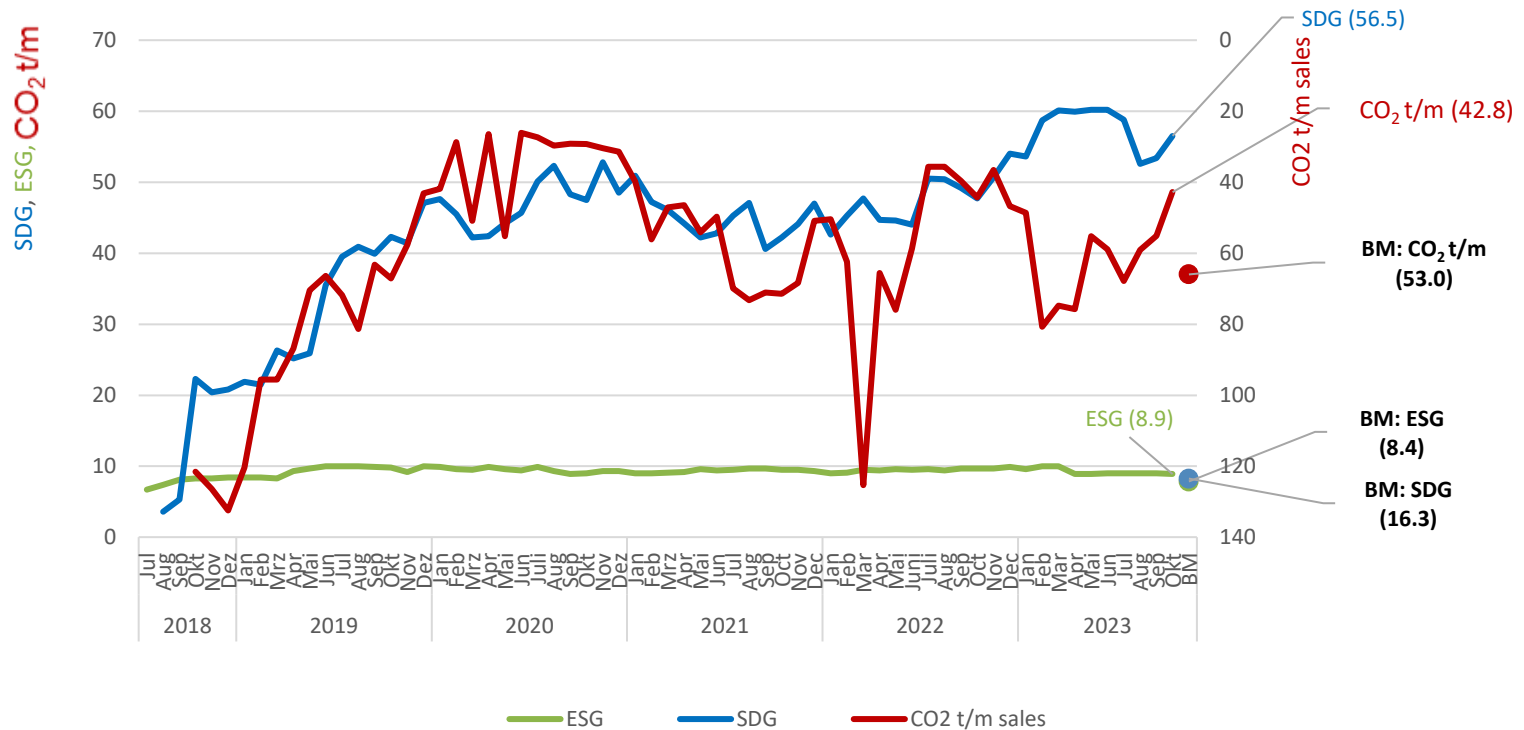
Appendix

Low carbon footprint and transparent reporting (SDG Evolution Flexibel)

ESG, SDG and carbon intensity over time

lines: **SDG Evolution Flexibel**

dots: Benchmark (Xtrackers MSCI Europe ESG UCITS ETF /
70% db x-trackers II ESG EUR Corporate Bond UCITS ETF)



Source: MSCI ESG, October 31th, 2023
See appendix for methodology

Appendix

Relatively good financial performance in 2022



Sie gehören zu den Besten der Besten...

beim
Sustainable Performance Award®
2022



Sehr geehrte Damen und Herren,

wir dürfen Ihnen recht herzlich zu diesem außerordentlich guten Ergebnis gratulieren.

In der Kategorie: Mischfonds, Europa, SRI 3, 12 Monate

hat Ihr Fonds:

SDG Evolution Flexibel

Platz 1

belegt.

Weitere Informationen zur Veröffentlichung, Vermarktung und Nutzung von Lizenzrechten erhalten Sie im beigefügten Anhang.

Mit „umweltfreundlichen“ Grüßen aus Stuttgart

Stefan Maiss
Geschäftsführung ProVita GmbH

(Rücksendung des
Bestellformulars bitte bis
spätestens 04.11.2022 an
info@provida-gmbh.com)

Stuttgart, den 18.10.2022



SDG Evolution Flexible I Attributions Analysis 2022. Source: Universal Investment

- Active use of DAX put options
- Active reduction of interest rate risks
- No exposure to Russia
- Successful selection of sustainable stocks and bonds
- Good allocation to attractive new issues

The award ceremony will take place in
Wiesbaden on 24.1.2023

Appendix

Financial Performance (SDG Evolution Flexibel AK I)

Since 02.07.2018 ESG Portfolio Management GmbH advises the fund (green fields) and integrates sustainability from 2019

ISIN:	WKN:	Currency:	Volume:	Total fund size:
DE000A1W9AZ5	A1W9AZ	EUR	2.1 Mio. EUR	3.3 Mio. EUR

Cumulated performance (in %)

	1 M	1 Y	3 Y	5 Y	Since inception	CY	2019	2020	2021	2022
fund	-0.83	-7.52	-14.66	-13.87	-10.49	-8.32	-0.44	5.37	-2.81	-7.77
fund p.a.			-5.15	-2.94	-1.11					

Monthly performance (in %)

	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dez	YTD
2016	-3.02	-2.12	1.21	-0.19	-0.17	-1.83	0.64	0.50	-0.47	-0.37	-0.93	1.41	-5.32
2017	0.16	1.13	1.51	0.85	0.28	-1.33	0.34	-0.72	2.96	0.84	-0.62	-0.32	5.12
2018	0.92	-1.36	-1.01	1.38	-1.23	-0.53	1.16	-0.84	-0.12	-1.57	0.42	-2.09	-4.84
2019	1.78	1.65	0.44	1.17	-1.07	-1.13	0.03	-1.22	-0.83	-0.08	1.18	0.68	2.55
2020	0.32	0.52	-6.43	2.72	0.20	3.22	0.53	0.63	-0.81	0.53	2.86	1.30	5.37
2021	0.03	-1.67	0.85	-0.19	-0.31	-0.05	-0.40	-0.57	-2.15	-0.80	-1.30	1.50	-2.80
2022	-3.40	2.90	1.50	-1.26	-2.80	2.41	5.26	0.55	-6.34	-3.21	3.28	-1.60	-7.77
2023	3.82	-2.01	1.31	-1.51	-1.78	-2.52	-0.53	-1.91	-2.52	-0.83			-8.32

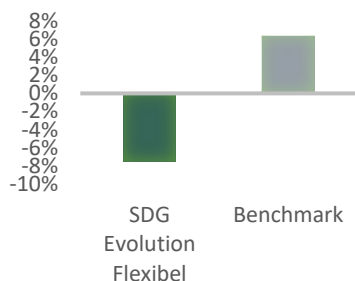
Appendix

Parameters: SDG Evolution Flexibel

SDG EVOLUTION FLEXIBEL: Conservative European Multi-Asset Strategy

Financial		Sustainability	
Ø net equity share	30% (max. brutto 49%)		
number positions	40 - 75 (Ø 60)		

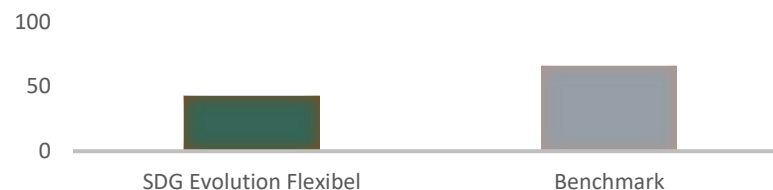
RETURN 1Y



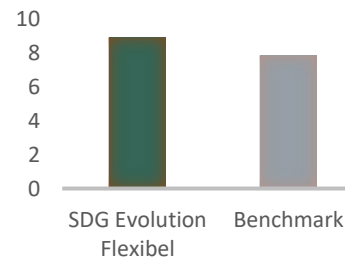
SHARPE RATIO 1Y



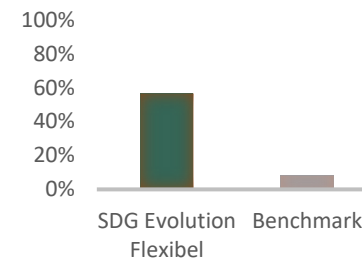
CARBON INTENSITY (TONS CO2 / \$M SALES)



ESG SCORE



SDG IMPACT



Sources: Universal Investment, MSCI, DWS, iShares, finanzen.net
 As of: October 31st, 2023
 Benchmark: 30% db x-trackers Europe ESG ETF /
 70% db x-trackers II ESG EUR Corporate Bond UCITS ETF

Sources: Universal Investment, MSCI, DWS, iShares
 See appendix for methodology; As of October 31st, 2023

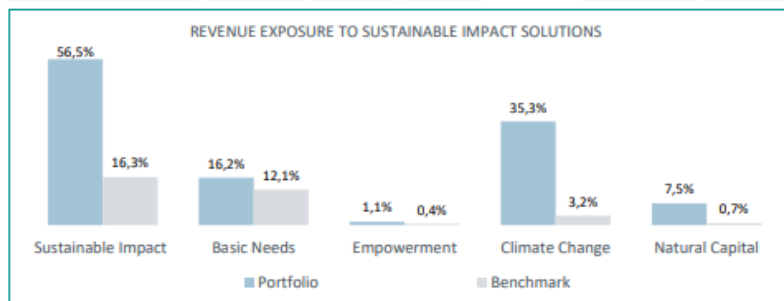
Appendix

MSCI Sustainable Impact Assessment (SDG Evolution Flexibel)

MSCI Sustainable Impact Portfolio Snapshot SDG Flexibel

Estimated revenue exposure of constituents to sustainable impact themes as of

	# OF SECURITIES	COVERAGE		CONSTITUENT REVENUE EXPOSURE TO SUSTAINABLE IMPACT SOLUTIONS=0			ACTIVE REVENUE EXPOSURE TO SUSTAINABLE IMPACT SOLUTIONS OF CONSTITUENTS IN COMPARISON TO Benchmark	SUSTAINABLE IMPACT ASSESSMENT*
		# of Securities	Market Value	# of Securities	Market Value	Revenue Exposure*		
SDG Flexibel	41	35	79,9%	34	78,7%	56,5%	+40,2%	●●●● VERY HIGH
Benchmark	204	204	100,0%	103	43,5%	16,3%		



Company	Contribution to Portfolio Revenue Exposure	Theme
1 SMA SOLAR TECHNOLOGY AG	5,6%	Alternative Energy, Energy Efficiency
2 SIGNIFY N.V.	3,6%	Energy Efficiency
3 MOWI ASA	3,2%	Nutrition, Sustainable Agriculture
4 SIMS LIMITED	2,9%	Pollution Prevention
5 VESTAS WIND SYSTEMS A/S	2,6%	Alternative Energy

To be eligible to contribute, a company must generate revenue from products or services that help solve at least one of the world's major social and environmental challenges, while maintaining minimum ESG standards through its operations.

* See Appendix for methodology

ACTIVE REVENUE EXPOSURE TO SUSTAINABLE IMPACT SOLUTIONS

- +4,0%** greater revenue exposure of companies providing healthcare, nutrition, housing or sanitation products and services
- +0,7%** greater revenue exposure of companies providing SME finance or educational products and services
- +32,1%** greater revenue exposure of companies providing climate friendly technologies
- +6,8%** greater revenue exposure of companies providing sustainable water or pollution prevention technologies














Appendix

MSCI Sustainable Impact Assessment – Themes (SDG Evolution Flexibel)

MSCI Sustainable Impact Portfolio Snapshot

SDG Flexibel

ESTIMATED ANNUAL REVENUE GENERATED BY COMPANIES FROM PRODUCTS & SERVICES PROVIDING SUSTAINABLE IMPACT SOLUTIONS

Social Impact Solutions For a \$1mm investment in the Portfolio or a hypothetical investment of \$1mm allocated to replicate the index:	BASIC NEEDS				EMPOWERMENT		
	 Nutrition	 Affordable Real Estate	 Major Disease Treatment	 Sanitation	 SME Finance	 Education	 Connectivity
SDG Flexibel: \$157.612 per year in Social Impact products & services	\$77.351 per year of revenues from nutritious food	\$4 per year of revenues from affordable real estate	\$10.505 per year of revenues from top 20 diseases treatment	\$24.723 per year of revenues from sanitary products	\$0 per year of revenues from SME lending	\$45.029 per year of revenues from education services	\$0 per year of revenues from connectivity - digital divide
Benchmark: \$30.667 per year in Social Impact products & services	\$8.394 per year of revenues from nutritious food	\$2.202 per year of revenues from affordable real estate	\$12.685 per year of revenues from top 20 diseases treatment	\$4.778 per year of revenues from sanitary products	\$945 per year of revenues from SME lending	\$1.070 per year of revenues from education services	\$594 per year of revenues from connectivity - digital divide
Environmental Impact Solutions For a \$1mm investment in the Portfolio or a hypothetical investment of \$1mm allocated to replicate the index:	CLIMATE CHANGE			NATURAL CAPITAL			
	 Alternative Energy	 Energy Efficiency	 Green Building	 Sustainable Water	 Pollution Prevention	 Sustainable Agriculture	
SDG Flexibel: \$405.855 per year in Clean Tech products & services	\$71.692 per year of revenues from alternative energy technologies	\$149.790 per year of revenues from energy efficiency technologies	\$20.148 per year of revenues from green building	\$0 per year of revenues from sustainable water technologies	\$125.241 per year of revenues from pollution prevention technologies	\$38.984 per year of revenues from sustainable agriculture	
Benchmark: \$32.790 per year in Clean Tech products & services	\$8.352 per year of revenues from alternative energy technologies	\$11.130 per year of revenues from energy efficiency technologies	\$2.631 per year of revenues from green building	\$431 per year of revenues from sustainable water technologies	\$8.659 per year of revenues from pollution prevention technologies	\$1.587 per year of revenues from sustainable agriculture	

The figures in the tables above reflect the estimated annual revenue generated by companies from products and services providing sustainable impact solutions, based on a \$1mm investment in the Portfolio or a hypothetical investment of \$1mm allocated to replicate the benchmark. Using an investor ownership methodology, the metrics on this page are only applicable to equities. You cannot invest in an index. None of the information in this report constitutes an offer to sell, a solicitation of an offer to buy, endorsement, review, marketing, or opinion of, any security, financial product or other investment vehicle or any trading strategy.

Source: MSCI Sustainable Impact Portfolio Snapshot, , October 31th, 2023

Appendix

Allocation of MSCI Sustainable Impact Themes to SDGs (SDG Evolution Flexibel)

SDG Evolution Flexibel at October 31th 2023								
MSCI ESG Area	MSCI ESG Theme	USD according to MSCI ESG	allocation to SDG				in %	
Basic Needs	Nutrition	77.351	2	1	No poverty	4	0,0	
	Affordable Real Estate	4	1	2	Zero hunger	116.335	11,7	
	Major Disease Treatment	10.505	3	3	Good health and well-being	10.505	1,1	
	Sanitation	24.723	6	4	Quality education	45.029	4,5	
					5	Gender equality	0	0,0
					6	Clean water and sanitation	24.723	2,5
Empowerment	SME Finance	-	1, 8	7	Sustainable energy	149.790	15,0	
	Education	45.029	4	8	Decent work and economic growth	-	0,0	
	Connectivity	-	9	9	Industry, innovation and infrastructure	10.074	1,0	
					10	Reduce inequalities	0	0,0
Climate Change	Alternative Energy	71.692	13	11	Sustainable cities and communities	10.074	1,0	
	Energy Efficiency	149.790	7	12	Sustainable consumption and production	125.241	12,6	
	Green Building	20.148	9, 11	13	Climate action	71.692	7,2	
					14	Life below water	0	0,0
Natural Capital	Sustainable Water	-	6	15	Life on Land	0	0,0	
	Pollution Prevention	125.241	12	16	Peace, justice and strong institutions	0	0,0	
	Sustainable Agriculture	38.984	2	17	Partnerships for the goals	0	0,0	
	Summe	563.467	56,5%				56,5%	

Source: MSCI Sustainable Impact Portfolio Snapshot & own allocation to SDGs, October 31th, 2023

Appendix

Parameters: SDG Evolution Bonds

SDG Evolution Bonds: Conservative European investment grade fixed-income strategy

	Min		Max
Credit Rating	BB-	BBB+	AAA
Net Effective Duration Inkl. Derivate	1	4.17	5
Spread Duration	4	4.17	7
HY/NR exposure	0%	7.5	20%
EM exposure	0%	0.0	10%

Currency risks are hedged by at least 99%.

Source: Universal Investment, October 31th, 2023

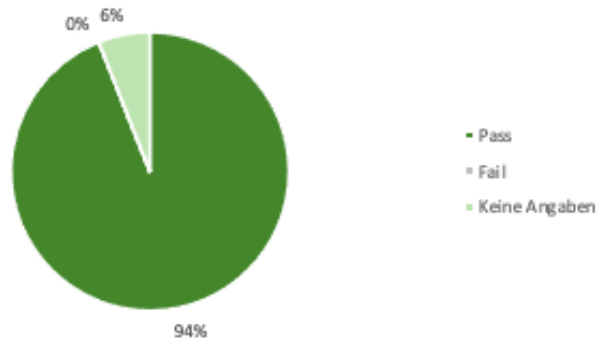
Appendix

Measurement with the EU Screening Tool (Article 2 Nr. 17 SFDR) from MSCI ESG (SDG Bonds)

- For our Article 9 funds, we strive for a high level of compliance with MSCI's EU Screening Tool.
- For classification as Article 9 funds, there must be no "fail" in the portfolio
- Compared to our benchmark we perform very well for both funds

SDG Evolution Bonds

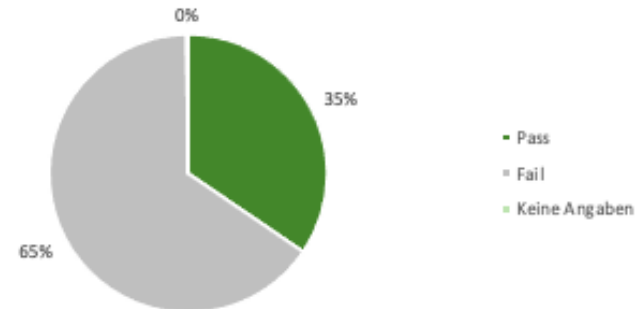
SDG Bonds - MSCI EU Sustainable Investment Screening



EU Screening Tool MSCI; SDG Evolution Bonds and Benchmark; Quelle: MSCI ESG; Date: September 30th, 2023

Benchmark

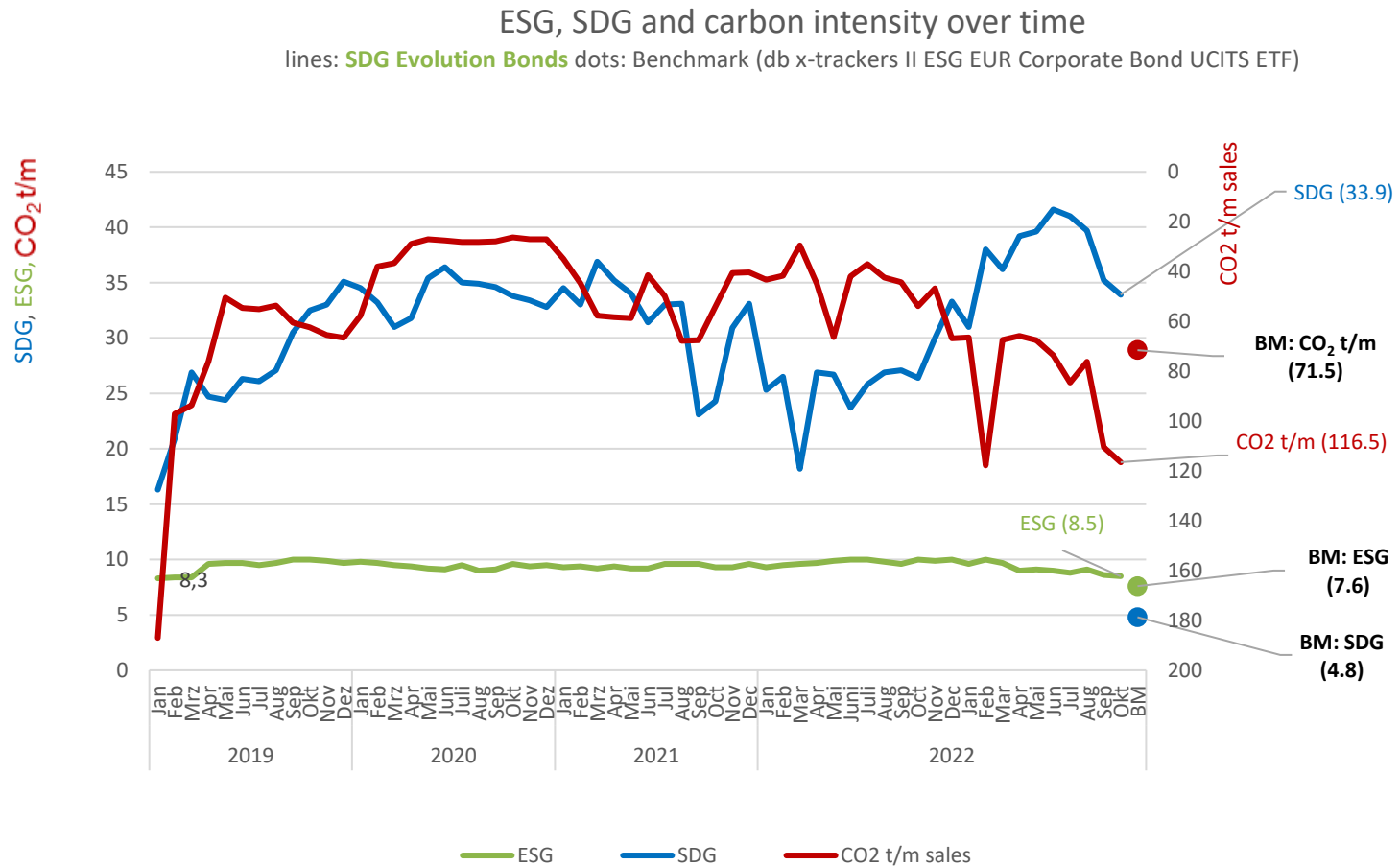
Benchmark SDG Bonds - MSCI EU Sustainable Investment Screening



EU Screening Tool MSCI; SDG Evolution Bonds and Benchmark; Quelle: MSCI ESG; Date: : September 30th, 2023

Appendix

Low carbon footprint and transparent reporting (SDG Evolution Bonds)



Source: MSCI ESG October 31th, 2023 See appendix (page 50) for methodology

Appendix

Financial Performance (SDG Evolution Bonds)

Since February 2019 ESG Portfolio Management GmbH advises the fund (green fields) and integrates sustainability

ISIN:	WKN:	Currency:	Volume:
DE000A2AQZE9	A2AQZE	EUR	0.8 Mio. EUR

Cumulated performance (in %)

	1 M	1 Y	3 Y	5 Y	Since inception	CJ	2019	2020	2021	2022
Fonds	-1.99	-1.25	-21.35	-21.31	-21.41	-3.23	-0.06	1.65	-3.43	-16.52
Fonds p.a.			-7.70	-4.68	-3.47					

Monthly performance (in %)

	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	YTD
2018	-0.55	0.07	-0.66	0.61	-0.41	-1.75	1.31	-0.56	0.81	-0.68	-0.73	-0.52	-3.07
2019	1.06	0.63	-0.37	0.68	0.01	-0.30	0.07	-0.98	-0.72	0.12	-0.29	0.04	-0.06
2020	0.4	0.45	-3.93	0.65	0.75	1.55	0.95	0.16	0.00	0.56	0.34	-0.14	1.65
2021	0.02	-0.64	-0.13	0.29	-0.26	0.04	0.51	-0.37	-0.50	-1.0	-0.9	-0.5	-3.4
2022	-1.3	-2.3	-1.7	-2.37	-0.55	-3.60	4.04	-3.14	-3.39	-3.20	2.97	-1.55	-16.52
2023	1.86	-1.91	0.82	0.36	-0.65	-1.32	0.92	0.71	-1.98	-1.99			-3.23

Source: Universal Investment, October 31th, 2023

Appendix

Parameters: SDG Evolution Bonds

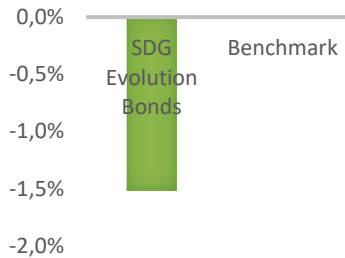
SDG Evolution Bonds Conservative European investment grade fixed-income strategy

Financials

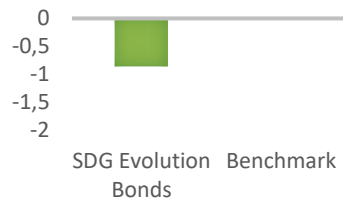
number positions 40 - 60 (Ø 50)

Sustainability

RETURN 1Y



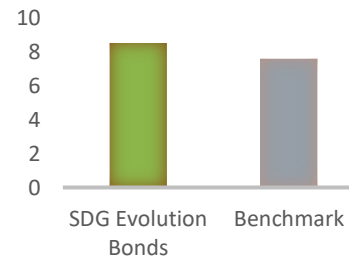
SHARPE RATIO 1Y



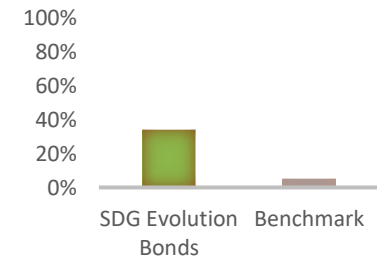
CARBON INTENSITY (TONS CO2 / \$M SALES)



ESG SCORE



SDG IMPACT



Sources: Universal Investment, DWS, finanzen.net

As of: October 31th, 2023

Benchmark: db x-trackers II ESG EUR Corporate Bond UCITS ETF

Sources: Universal Investment, MSCI, DWS

See appendix for methodology

As of: October 31th, 2023

Appendix

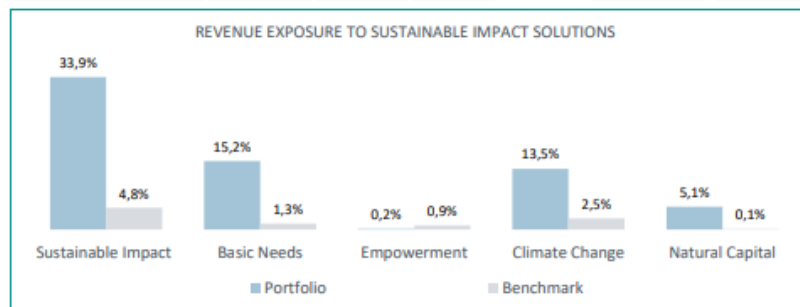
MSCI Sustainable Impact Assessment (SDG Evolution Bonds)

MSCI Sustainable Impact Portfolio Snapshot

SDG Bond

Estimated revenue exposure of constituents to sustainable impact themes as of

	# OF SECURITIES	COVERAGE		CONSTITUENT REVENUE EXPOSURE TO SUSTAINABLE IMPACT SOLUTIONS=0			ACTIVE REVENUE EXPOSURE TO SUSTAINABLE IMPACT SOLUTIONS OF CONSTITUENTS IN COMPARISON TO Benchmark Bond	SUSTAINABLE IMPACT ASSESSMENT*
		# of Securities	Market Value	# of Securities	Market Value	Revenue Exposure*		
SDG Bond	24	21	87,4%	21	87,4%	33,9%	+29,1%	●●●● VERY HIGH
Benchmark Bond	2.531	1.838	74,4%	843	31,3%	4,8%		

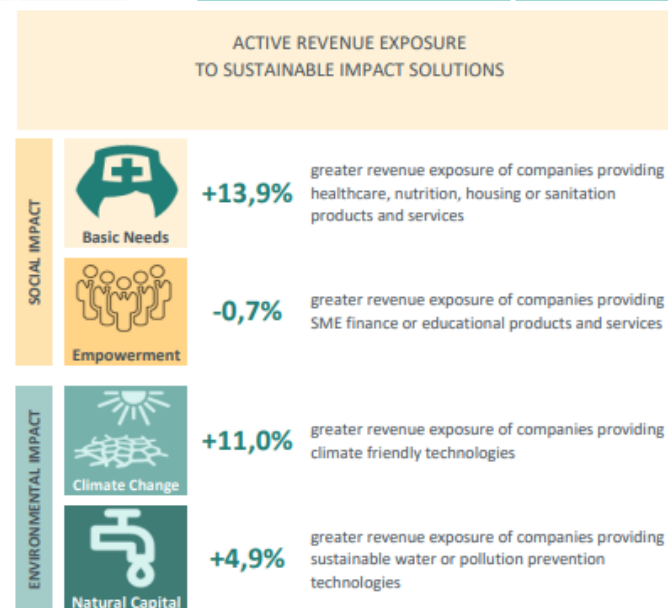


TOP 5 CONTRIBUTORS TO PORTFOLIO'S REVENUE EXPOSURE TO SUSTAINABLE IMPACT SOLUTIONS

Company	Contribution to Portfolio Revenue Exposure	Theme
1 BELL FOOD GROUP AG	4,3%	Nutrition
2 ADVANCED DRAINAGE SYSTEMS, INC.	3,6%	Sustainable Water
3 EDWARDS LIFESCIENCES CORPORATION	3,4%	Major Disease Treatment
4 AMGEN INC.	2,7%	Major Disease Treatment
5 WIENERBERGER AG	2,4%	Energy Efficiency, Sustainable Water

To be eligible to contribute, a company must generate revenue from products or services that help solve at least one of the world's major social and environmental challenges, while maintaining minimum ESG standards through its operations.

* See Appendix for methodology



Source: MSCI Sustainable Impact Portfolio Snapshot, October 31th, 2023














Appendix

MSCI Sustainable Impact Assessment – Themes (SDG Evolution Bonds)

MSCI Sustainable Impact Portfolio Snapshot

SDG Bond

ESTIMATED ANNUAL REVENUE GENERATED BY COMPANIES FROM PRODUCTS & SERVICES PROVIDING SUSTAINABLE IMPACT SOLUTIONS

Social Impact Solutions For a \$1mm investment in the Portfolio or a hypothetical investment of \$1mm allocated to replicate the index:	BASIC NEEDS				EMPOWERMENT		
	 Nutrition	 Affordable Real Estate	 Major Disease Treatment	 Sanitation	 SME Finance	 Education	 Connectivity
SDG Bond: \$181.935 per year in Social Impact products & services	\$166.811 per year of revenues from nutritious food	\$2 per year of revenues from affordable real estate	\$11.299 per year of revenues from top 20 diseases treatment	\$0 per year of revenues from sanitary products	\$0 per year of revenues from SME lending	\$0 per year of revenues from education services	\$3.822 per year of revenues from connectivity - digital divide
Benchmark Bond: \$21.149 per year in Social Impact products & services	\$8.058 per year of revenues from nutritious food	\$3.761 per year of revenues from affordable real estate	\$686 per year of revenues from top 20 diseases treatment	\$2.661 per year of revenues from sanitary products	\$5.292 per year of revenues from SME lending	\$68 per year of revenues from education services	\$623 per year of revenues from connectivity - digital divide
Environmental Impact Solutions For a \$1mm investment in the Portfolio or a hypothetical investment of \$1mm allocated to replicate the index:	CLIMATE CHANGE			NATURAL CAPITAL			
	 Alternative Energy	 Energy Efficiency	 Green Building	 Sustainable Water	 Pollution Prevention	 Sustainable Agriculture	
SDG Bond: \$129.587 per year in Clean Tech products & services	\$0 per year of revenues from alternative energy technologies	\$79.108 per year of revenues from energy efficiency technologies	\$2.579 per year of revenues from green building	\$47.643 per year of revenues from sustainable water technologies	\$0 per year of revenues from pollution prevention technologies	\$257 per year of revenues from sustainable agriculture	
Benchmark Bond: \$26.492 per year in Clean Tech products & services	\$3.208 per year of revenues from alternative energy technologies	\$8.660 per year of revenues from energy efficiency technologies	\$11.300 per year of revenues from green building	\$1.083 per year of revenues from sustainable water technologies	\$2.229 per year of revenues from pollution prevention technologies	\$12 per year of revenues from sustainable agriculture	

The figures in the tables above reflect the estimated annual revenue generated by companies from products and services providing sustainable impact solutions, based on a \$1mm investment in the Portfolio or a hypothetical investment of \$1mm allocated to replicate the benchmark. **Using an investor ownership methodology, the metrics on this page are only applicable to equities.** You cannot invest in an index. None of the information in this report constitutes an offer to sell, a solicitation of an offer to buy, endorsement, review, marketing, or opinion of, any security, financial product or other investment vehicle or any trading strategy.

Appendix

Allocation of MSCI Sustainable Impact Themes to SDGs (SDG Evolution Bonds)

SDG Evolution Bond Funds at October 31th 2023							
MSCI ESG Area	MSCI ESG Theme	USD according to MSCI ESG	allocation SDG				in %
Basic Needs	Nutrition	166.811	2	1	No poverty	2	0,0
	Affordable Real Estate	2	1	2	Zero hunger	167.068	18,2
	Major Disease Treatment	11.299	3	3	Good health and well-being	11.299	1,2
	Sanitation	-	6	4	Quality education	-	0,0
				5	Gender equality	0	0,0
				6	Clean water and sanitation	47.643	5,2
Empowerment	SME Finance	-	1, 8	7	Sustainable energy	79.108	8,6
	Education	-	4	8	Decent work and economic growth	-	0,0
	Connectivity	3.822	9	9	Industry, innovation and infrastructure	5.112	0,6
				10	Reduce inequalities	0	0,0
Climate Change	Alternative Energy	-	13	11	Sustainable cities and communities	1.290	0,1
	Energy Efficiency	79.108	7	12	Sustainable consumption and production	-	0,0
	Green Building	2.579	9, 11	13	Climate action	-	0,0
				14	Life below water	0	0,0
Natural Capital	Sustainable Water	47.643	6	15	Life on Land	0	0,0
	Pollution Prevention	-	12	16	Peace, justice and strong institutions	0	0,0
	Sustainable Agriculture	257	2	17	Partnerships for the goals	0	0,0
	Summe	311.521	33,9%				33,9%

Source: MSCI Sustainable Impact Portfolio Snapshot & own allocation to SDGs, October 31th 2023

Appendix

Methodology for calculating sustainability indicators

Anbieter	KPI/Tool	Weitere Informationen
MSCI ESG	ESG Ratings	https://www.msci.com/our-solutions/esg-investing/esg-ratings#:~:text=An%20MSCI%20ESG%20Rating%20is%20designed%20to%20measure,well%20they%20manage%20those%20risks%20relative%20to%20peer
	ESG Fund Ratings	https://www.msci.com/documents/1296102/15388113/MSCI+ESG+Fund+Ratings+Exec+Summary+Methodology.pdf
	SDG Alignment	https://www.msci.com/documents/1296102/16472518/ESG_ImpactMetrics-cfs-en.pdf/7a03ddab-46fd-cef7-5211-c07ab992d17b
	Taxonomy Alignment	https://www.msci.com/documents/1296102/26144308/Issuer-level-data-EU-Sustainable-Finance-Module-cfs-en-DMC.pdf#:~:text=MSCI%20EU%20Taxonomy%20Alignment%20Access%20percentage%20revenue%20from,the%20six%20environmental%20objectives%20of%20the%20EU%20Taxonomy.
	Principle Adverse Impacts	https://www.msci.com/documents/1296102/26144308/Issuer-level-data-EU-Sustainable-Finance-Module-cfs-en-DMC.pdf
	Carbon Intensity	https://www.msci.com/documents/10199/1283513/MSCI_ESG_Metrics_Calc_Methodology_Dec2020.pdf/92a299cb-0dbc-63ba-debb-e821bd2e2b08 (chapter 3.2)
right. based on science	XDC-Gap-Analyse (Temperature Alignment)	https://www.right-basedonscience.de/en/xdc-model/
ESG Screen I7	Exclusion Screening	https://www.screen17.com/#product
Clarity AI	Taxonomy Alignment	https://clarity.ai/in-the-news/eu-taxonomy-using-tech-to-analyze-green-fund-performance/

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