



University of  
Nottingham

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CAZENOVE CHARITIES



University of Nottingham

Thursday, 1<sup>st</sup> June 2023

# Agenda

01 Our understanding of your needs

02 Summary of investments

03 Performance analysis and review

04 Outlook and positioning

## Team



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# Your investment mandate

## University of Nottingham

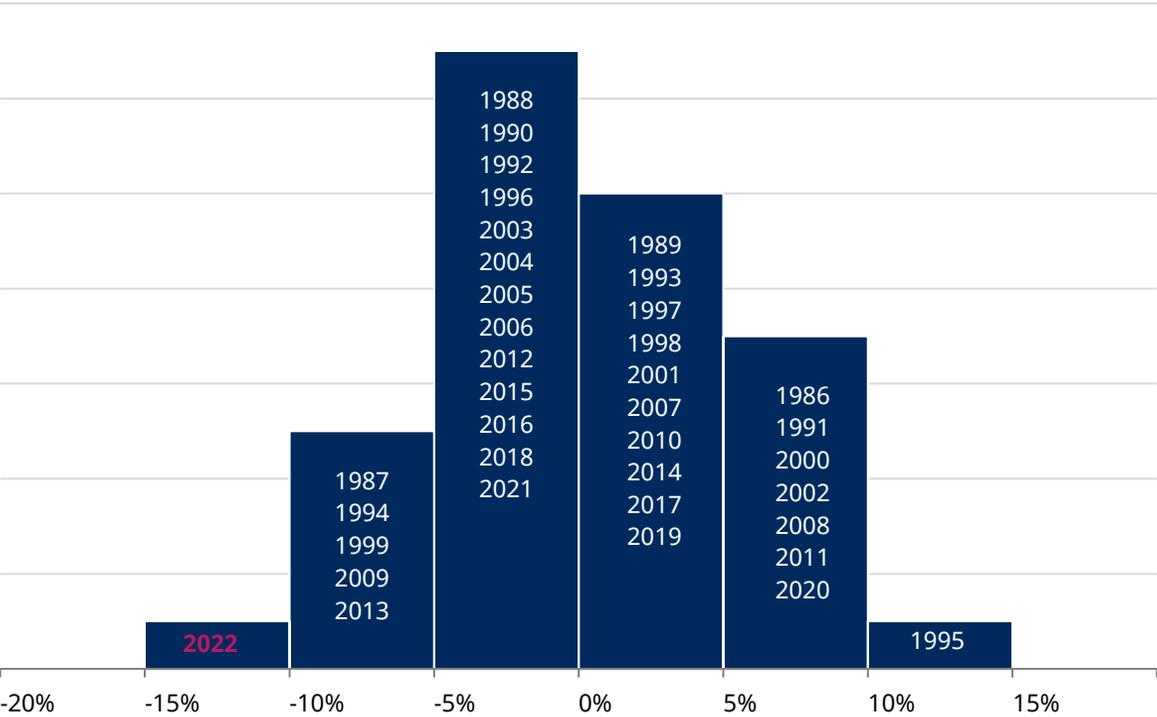
### Your investment mandate

1. Investment objective	<b>Permanent Endowment Fund (circa £62 million) and Medium Term Fund (circa £9 million)</b> <ul style="list-style-type: none"><li>– The investment objective of both portfolios is to maintain the real capital value ahead of inflation, over the long term. The Trustees can tolerate variation in the capital value of the portfolio in the short-term and are prepared to adopt a total return (income and capital growth) approach to meet their expenditure requirements. The portfolio will be invested in the Responsible Multi-Asset Fund which has a target of inflation (CPI) plus 4% per annum, net of fees, over rolling ten-year periods. The Fund targets a stable and sustainable total return distribution of 4% per annum.</li></ul>
2. Risk	<ul style="list-style-type: none"><li>– Capital volatility – able to tolerate oscillations in value – medium to high</li><li>– Inflation – protection of the real portfolio value over the long term is important</li></ul>
3. Time horizon	<ul style="list-style-type: none"><li>– Long term (in excess of 10 years)</li></ul>
4. Responsible investment	<ul style="list-style-type: none"><li>– The Fund incorporates a responsible investment policy, with screening aligned with common concerns. The intention is for the Fund to have a positive impact on people and the planet. The managers will invest to avoid harm through ESG integration and exclusions, benefit society through responsible business activities and contribute to solutions through influence and investing for impact.</li></ul>
5. Liquidity requirements	<ul style="list-style-type: none"><li>– Annual withdrawal of £1 million from the UoN - Permanent Endowment Fund</li><li>– Monthly standing order of £83,333.33</li><li>– Medium Term Fund withdrawals are TBC</li></ul>
6. Fees	<ul style="list-style-type: none"><li>– 0.55% (0.05% management fee, 0.32% RMAF fee, 0.17% third party manager fees)</li></ul>
7. Reporting and monitoring:	
Quarterly Valuations	Sally Blackamore, Hannah McMaster, Cara Higginbottom, Wendy Queen
Authorised signatories	Sally Blackamore, Margaret Monckton, Helen Lawrenson, Carrie Richardson, Kerry Williamson White
eServices access	Sally Blackamore, Hannah McMaster, Cara Higginbottom
Investment and market updates by email	Sally Blackamore, Hannah McMaster, Cara Higginbottom

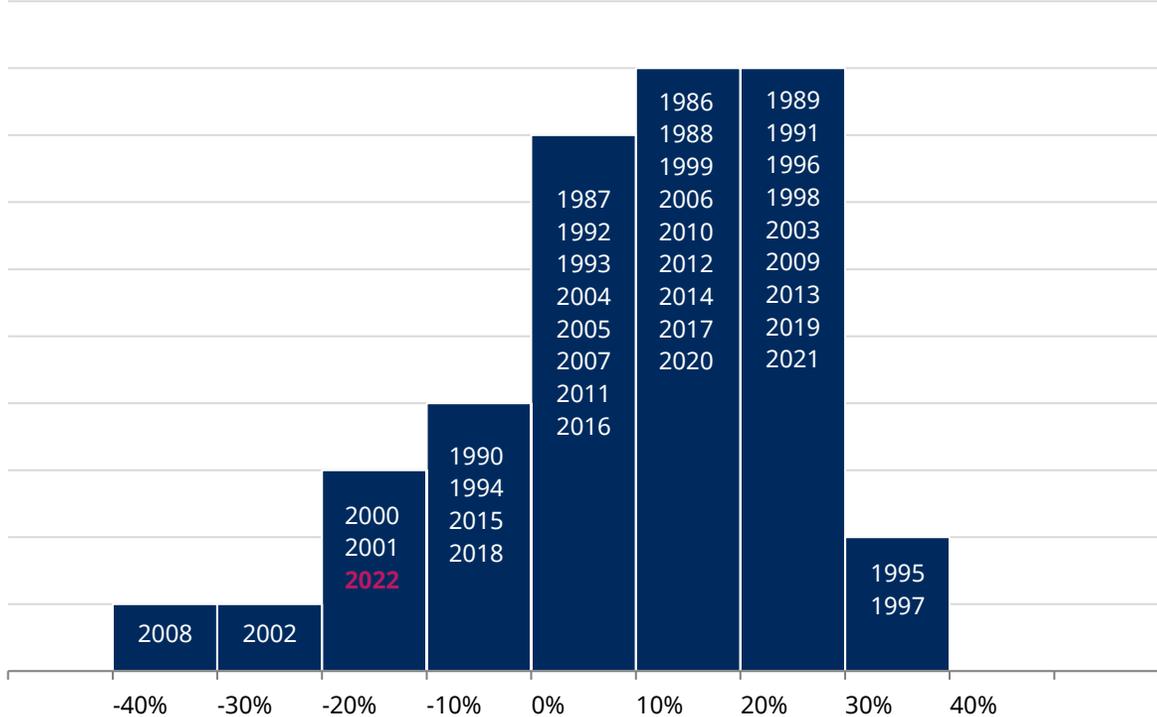
# 2022 was a challenging year for both equities and bonds

No place to hide in traditional asset classes

Bank of America US Treasury index annual total return (USD)



S&P500 annual total return (USD)



Total returns

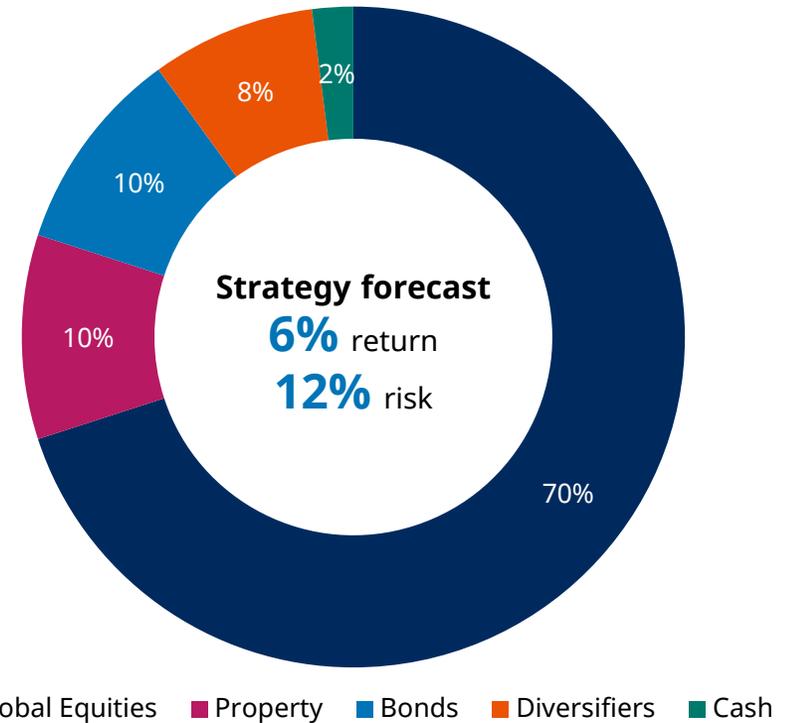
Forecasts included are not guaranteed and should not be relied upon.

Source: Refinitiv, Cazenove. Data to 31 December 2022.

# Responsible Multi-Asset Fund

## Designed specifically for charities

- **Charity Authorised Investment Fund** – regulated by the Charity Commission and FCA
- **Strong corporate governance** – the Fund is monitored by an independent Advisory Committee
- A target return objective of **inflation (CPI) plus 4%** over rolling ten-year periods<sup>1</sup>
- **Responsible investment policy**, aims to achieve positive outcomes for people and the planet, with screening aligned with common charity concerns and values
- Income units pay a **sustainable distribution** to fund charitable expenditure (targeting 4% p.a. total return distribution smoothed over the previous three years)
- **Liquidity**: 12.00 daily dealing
- **Active asset allocation** over a market cycle around central strategy
- Morningstar Rating™\*: Risk and Return ★★★★★ Sustainability 🌐🌐🌐🌐🌐
- Current fund size £1,316m on behalf of 334 charities



**Inflation plus 4%**

Source: <sup>1</sup>The target return is not guaranteed and your capital is at risk. 31<sup>st</sup> March 2023. Estimated risk and return data is based on our own analysis. Risk, return or yield characteristics of the above portfolios or constituent asset classes are not guaranteed to be achieved in the future. We define risk as standard deviation of annual returns. Our forecasts assume an average rate of inflation (CPI) of 2% per annum.

\*Morningstar Ratings are sourced from Morningstar.

# Responsible Investment Policy

## A whole portfolio approach

Sustainability Rating ⓘ



### Investment:

- A. **Avoid Harm:** Ensuring all our investments avoid harm
  - ✓ Screening policy excluding areas of significant harm
  - ✓ Integrating ESG factors in the investment process
  - ✓ Reducing total portfolio carbon emissions and funding offsets
- B. **Benefit people and planet:** Investing in global leaders in sustainability that support social and economic development
- C. **Contributes to solutions:** Creating impact, tackling environmental and social challenges through thematic and impact strategies supporting the Sustainable Development Goals

### Influence:

- ✓ Influence companies & managers, through engagement and voting, to encourage progress towards the UN sustainable development goals
- ✓ Collaborate with asset owners and managers to drive industry change

### Exclusions

Fossil Fuels, Alcohol, Pornography, Armaments, Tobacco, Gambling, High interest rate lending & Human embryonic cloning

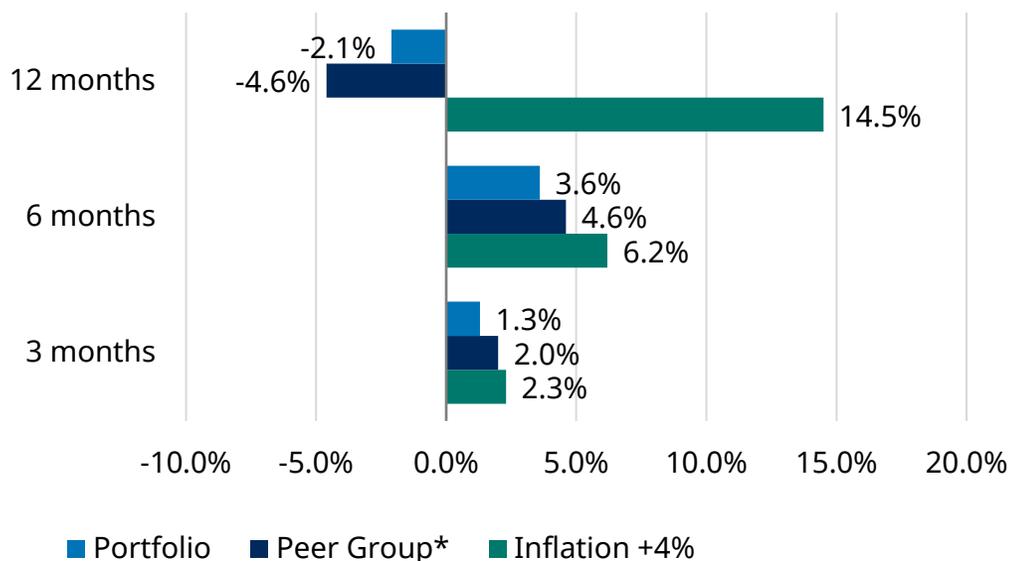


# Summary of investments

31<sup>st</sup> March 2023

- Total assets: £71,027,423
- **Medium Term Fund: £9,238,177**
- **Permanent Endowment Fund: £61,789,246**
- Total portfolio distribution target: 4.0% p.a.

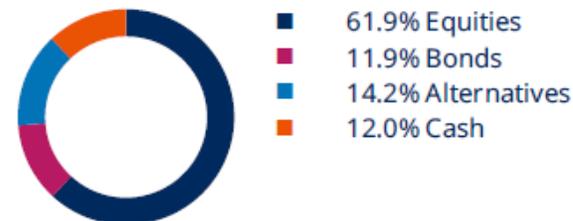
## Performance – Permanent Endowment Fund



**YTD performance\*\*:** +2.1%

## UON - Medium Term Fund

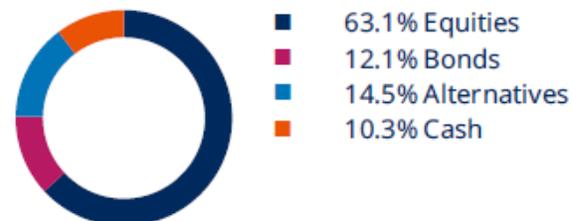
### Asset allocation



	Value £	Weight
Equities	5,719,098	61.9%
Bonds	1,097,797	11.9%
Alternatives	1,309,498	14.2%
Cash	1,111,784	12.0%
<b>Total</b>	<b>9,238,177</b>	<b>100.0%</b>

## UON – Permanent Endowment Fund

### Asset allocation



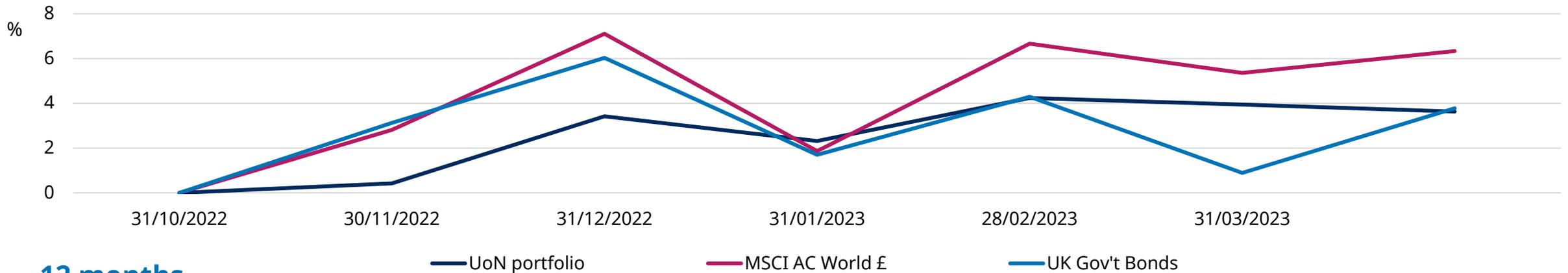
	Value £	Weight
Equities	39,017,361	63.1%
Bonds	7,489,495	12.1%
Alternatives	8,933,777	14.5%
Cash	6,348,613	10.3%
<b>Total</b>	<b>61,789,246</b>	<b>100.0%</b>

Source: Cazenove Capital. Total return in GBP net of fees to 31<sup>st</sup> March 2023. Past performance is not a guide to future performance. Target distribution is not guaranteed. \*Peer Group: ARC Sterling Steady Growth. \*\*As at 26<sup>th</sup> May 2023. Inception: 1<sup>st</sup> October 2021.

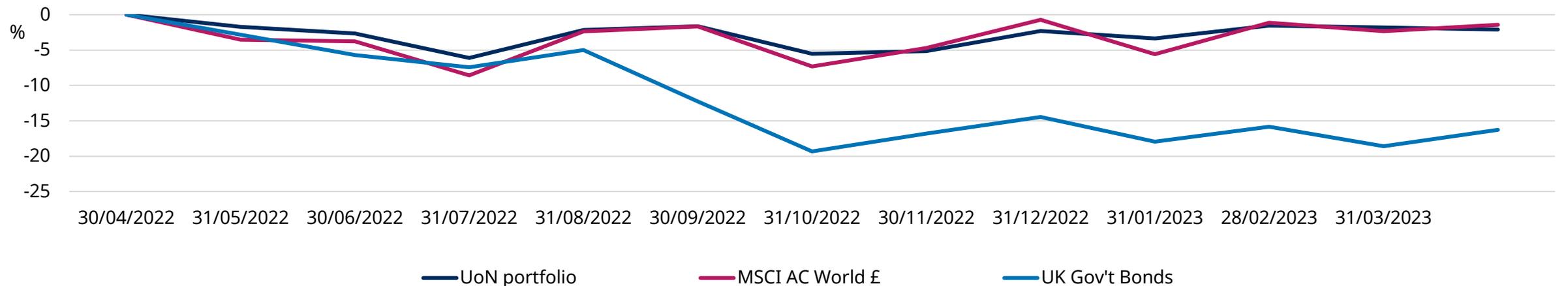
# A smoother path of returns over time

Targeting circa 70% of global equity market volatility over an economic cycle

## 6 months

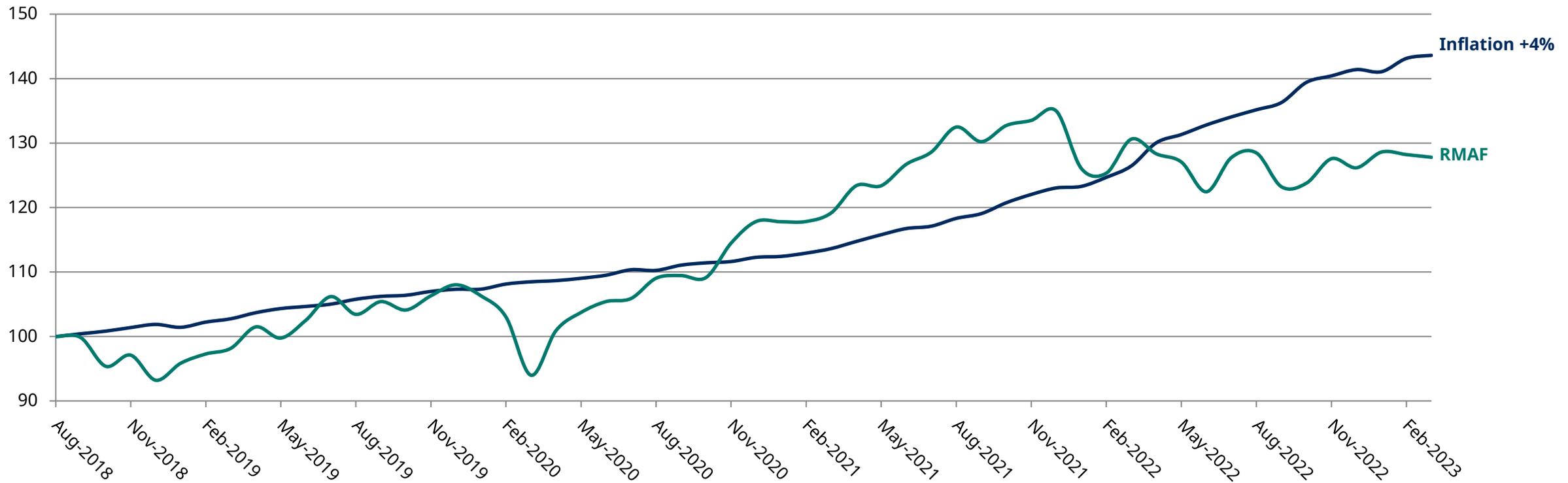


## 12 months



# Responsible Multi-Asset Fund

## Long-term performance



31 <sup>st</sup> March 2023	Since Inception	3 years p.a.	2 years p.a.	1 year
Responsible Multi-Asset Fund	+28.6%	+10.8%	+3.6%	- 2.2%
Inflation (UK CPI) +4%	+46.3%	+10.1%	+12.9%	+14.5%
Peer Group	+12.1%	+7.2%	- 0.1%	-4.6%

# Responsible Multi-Asset Fund

## Short term performance

### Contribution to performance Q1

**Responsible Multi-Asset Fund: 1.3%**

Top contributors to performance	Contribution
Schroder Global Sustainable Growth Fund	+2.2%
WisdomTree Physical Gold	+0.2%
Schroders Global Energy Transition Fund	+0.1%
Invesco US Treasury Bond	+0.1%
RPI Linked Gilt 2027	+0.1%

Bottom contributors to performance	Contribution
Schroder Sustainable Diversified Alternative Assets	-0.3%
Property Income Trust for Charities	-0.2%
WisdomTree Energy Transition	-0.1%
HSBC Global Sustainable Healthcare Fund	-0.1%
UBAM Positive Emerging Markets Fund	-0.1%

### Contribution to performance 1 Year

**Responsible Multi-Asset Fund: -2.2%**

Top contributors to performance	Contribution
Schroder Global Sustainable Growth Fund	+0.3%
Schroder Global Energy Transition	+0.3%
Sparinvest Ethical Global Value Fund	+0.1%
HSBC ESG Liquidity Fund	+0.1%
TwentyFour Sustainable Short Term Bond Fund	+0.0%

Bottom contributors to performance	Contribution
Schroder Sustainable Diversified Alternative Assets	-0.8%
Property Income Trust for Charities	-0.5%
Charities Property Fund	-0.3%
Charity Bond Fund	-0.3%
WisdomTree Physical Gold	-0.2%

**Past performance is not a guide to future performance.**

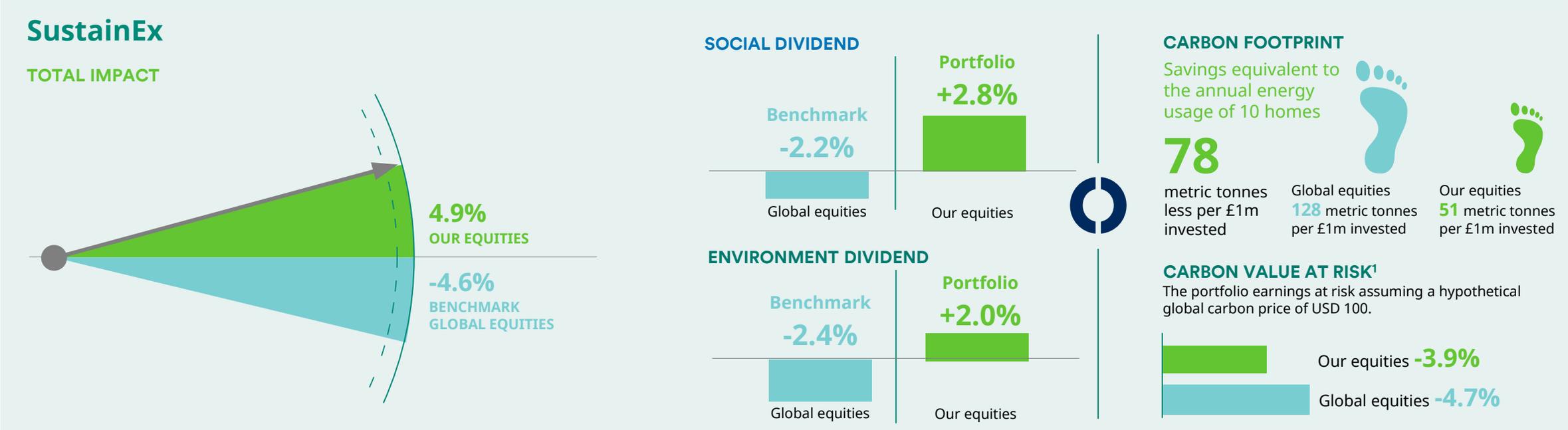
Source: 31<sup>st</sup> March 2023, Schroders/Datastream/Lipper in GBP, net income reinvested. For illustration purposes, not a recommendation to buy or sell



# Sustainability

# Sustainability insights

## Equity portfolio



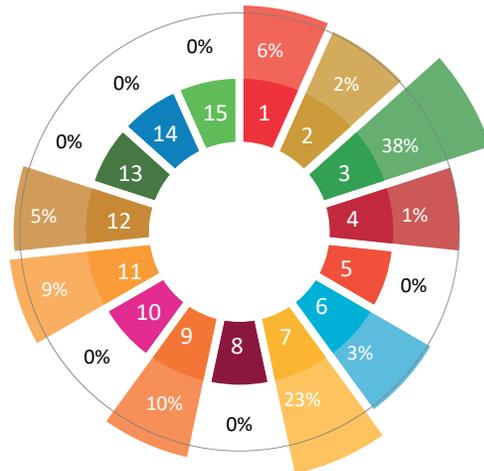
<sup>1</sup>Carbon Value at Risk measures the extent to which company profits and investor returns could be at risk if there was a globally agreed and implemented carbon price of \$100. <sup>2</sup>ESG Integration: Integrating environmental, social and governance factors into investment decisions. Carbon footprint includes an aggregate of the annual scope 1 & 2 carbon emissions attributed to the companies. Impact is measured using SustainEx™. Schroders uses SustainEx™ to estimate the net social and environmental “cost” or “benefit” of an investment portfolio having regard to certain sustainability measures in comparison to a product’s benchmark where relevant. For example, a score of +2% means that the portfolio adds \$2 of benefits to society for every \$100 of sales. It does this using third party data as well as Schroders own estimates and assumptions and the outcome may differ from other sustainability tools and measures. Source: Schroders, MSCI, EPA. Benchmark/Global Equities: MSCI AC World. As at 30<sup>th</sup> September 2022

# Understanding the impact of your investments

**34% Contributes to solutions**

- ✓ Aligned to UN Sustainable Development Goals
- ✓ Intentional
- ✓ Material

## Bond, Equity and Alternative Investments alignment to UN Sustainable Development Goals (UNSDG)<sup>1</sup>



## Impact metrics per £1m invested

### People

**424**

People reached



Including

**191**

provided with healthcare

**218**

provided with financial service

**14**

provided with digital services

### Planet

**154**

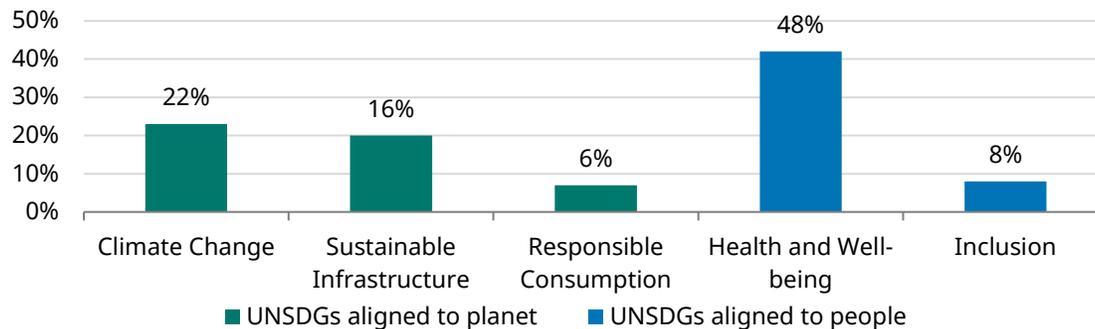
Tonnes of CO<sub>2</sub>e avoided



Which is the equivalent of the carbon absorbed by

**2,548 trees**

## Thematic alignment



<sup>1</sup>Portfolio holdings included that by our assessment are contributing to furthering sustainable development. Impact metric data provided, in part by Net Purpose. As at 31<sup>st</sup> December 2021.

# Investing for the Planet

## Investment examples

**Lombard Odier Climate Bond Fund**  
**IBRD – Integrated modern agriculture**  
**development project<sup>1</sup>**  
Building climate resilience



**94,000** hectares  
**380,000** farmer households  
supported

**Lombard Odier Climate Bond Fund**  
**Nordic Investment Bank – Blue Bonds<sup>2</sup>**  
Protecting Baltic Seas Ecosystems



Improved waste water treatment  
equivalent to the sewage created by  
**997,170** people

**Thomas Lloyds Energy Impact Trust**  
**Uttar Pradesh project<sup>3</sup>**  
Building renewable energy in ASIA



Clean electricity provided to **102,894**  
people  
**114,681** tonnes of CO<sub>2</sub> avoided annual

Source: 1. Cazenove Capital Impact report 2020. <https://library.cazenovecapital.com/view/869139937/38/>. 2. NIB [NIB Environmental Bonds - Nordic Investment](#). Thomas Lloyd. <https://www.thomas-loyd.com/en/project/uttar-pradesh-i>. For illustrative purposes only. Not recommended as a buy or sell. Underlying positions will change at the discretion of the manager and investments may no longer be held.

# Investing for People

## Investment examples

### Big Society Capital Impact Trust Greater Manchester - homelessness intervention programme<sup>1</sup>

Getting and keeping young people off the



Intended to reach **1500** young people

### Threadneedle Social Bond Fund International Finance Facility for Immunisation – Vaccine Bonds<sup>2</sup>

Providing essential healthcare services



**981m** children vaccinated

Prevented **16million** deaths since  
2000

### Big Society Capital Impact Trust Hull Women's Network<sup>3</sup>

Helping women escape domestic violence



**670** women and children supported

**200** new homes across the city

Source: 1. Big Society Capital. <https://bigsocietycapital.com/impact-stories/greater-manchester-young-persons-homelessness-prevention-programme/>.

2. [https://iffim.org/sites/default/files/IFFIm\\_Investor\\_Presentation.pdf](https://iffim.org/sites/default/files/IFFIm_Investor_Presentation.pdf). :3. Big Society Capital. <https://bigsocietycapital.com/impact-report-2020/people/housing-and-local-facilities/hull-womens-network/>. For illustrative purposes only. Not recommended as a buy or sell. Underlying positions will change at the discretion of the manager and investments may no longer be held.

# We offset the Scope 1&2 carbon emissions of the fund

Innovative partnership with Ecologi

COLLECTIVE IMPACT



**36,228**

trees planted



**152,871 tonnes**

of carbon avoided

Equivalent to one of the following:

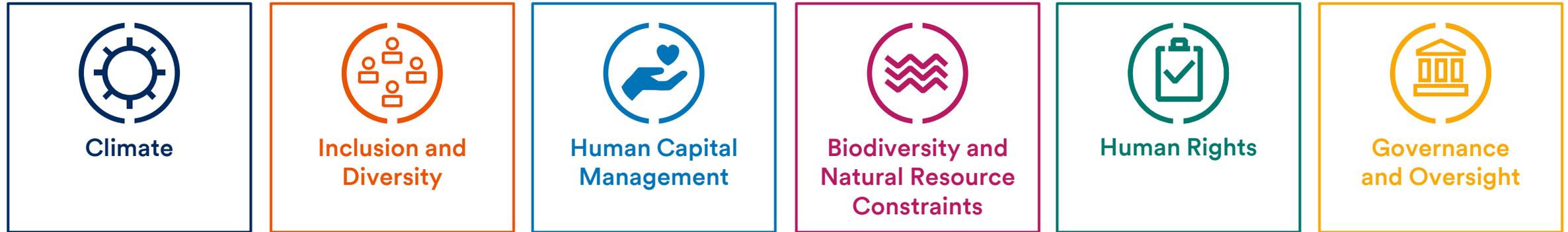


Track our collective impact through offsets at [www.ecologi.com/cazenovecapital](http://www.ecologi.com/cazenovecapital)

<sup>1</sup>The UK Governments greenhouse gas emissions report estimates that a flight from London to San Francisco emits 0.15119kg of carbon dioxide equivalent. <sup>2</sup>A report published by Science Magazine found that the loss of Arctic sea ice had a linear relationship to carbon dioxide equivalent emissions. The ratio is 3 ± 0.3 square meters per tonne of CO2e <https://protect-eu.mimecast.com/s/Ht-MCLxy5S2xkvyjuGIWXV?domain=science.org>.

<sup>3</sup>The US Environmental Protection Agency's carbon emissions calculator estimates that 2,481 miles driven in a car emits 1 tonne of carbon dioxide equivalent. Carbon offsets are purchased against the average quarterly scope 1 & 2 carbon emissions attributed to the equities, as measured by MSCI, calculated on a daily basis. These figures reflect the offsets collectively purchased for the Charities Responsible Multi-Asset Fund, Cazenove Sustainable Growth Fund and Cazenove Sustainable Balanced Fund. **Offset purchases are voluntary and capped at a maximum of 0.05% of the total funds value.**

# Pushing for progress



## A path to Net Zero:

As a founding signatory to the asset managers net zero initiative we have committed to achieve net zero by 2050 or sooner.

To enable this we have been engaging with our underlying managers to understand their climate commitments and decarbonisation plans. We have completed an initial review of all **150 managers** on our buy lists and have set initial meetings with 23 managers to understand better their goals.

Following the publication of our Climate Transition Plan, will be launching a large scale engagement in 2023, targeting laggard managers with an initial focus on the firm level commitments

In 2022 we **engaged over 700 companies** on their net zero plans. Preliminary results show engaged companies were **2X more likely to adopt carbon targets**.



## Eliminate Commodity Driven deforestation:

We have committed to eliminate exposure to commodity-driven deforestation in the companies directly held in the investment portfolios we manage by 2025. Commodities covered include palm oil, soy, cattle products, and timber.

In 2022 we reviewed all holdings to understand where our highest exposures are. These companies are being engaged with in priority order:

**Tier 1 priority** - companies with direct exposures to deforestation risk commodities (largely producers and traders with revenue exposure >20%).

**Tier 2** - companies with exposure to deforestation risk commodities in their supply chain, where Schroders have material exposure.

**Tier 3** - all companies with deforestation risk that do not meet the materiality thresholds.

We look forward to reporting on progress going forward.



# Outlook and positioning

# Outlook

Q1 2023



## Economics

The expectation is for slowing global growth and for the US economy to fall into a shallow recession. Inflationary pressures should ease but remain above long term central bank targets.



## Valuations

Equity valuations have moderated but earnings are at risk of downgrades. Government bonds look better value relative to recent history.



## Sentiment

Investor sentiment has improved but could continue to be tested with the potential for periods of heightened volatility.

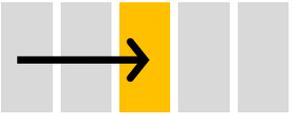
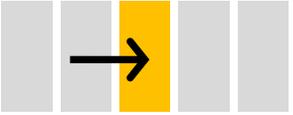
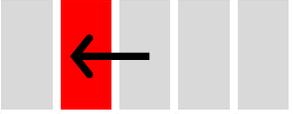
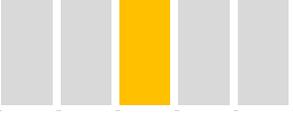


## Risks

Both downside and upside risks to the base case. Continued monetary policy tightening and geopolitical uncertainty pose most significant downside risks.

# Adding to global equities – are we there yet?

Getting closer, but none of the signals suggest an imminent end to the bear market

- ① A peak in US interest rates 
- ② The economic backdrop stops deteriorating 
- ③ The earnings backdrop stops deteriorating 
- ④ Equity market valuations have meaningfully de-rated 
- ⑤ Capitulation in investor sentiment and positioning 

Source: Cazenove Capital. Arrows represent the year to date movement in the indicator.

# Investment views

March 2023



## Investment positioning

- **Underweight equities** – given elevated near term uncertainty, albeit valuations look more attractive
- **Overweight bonds** – Nominal government bonds have defensive characteristics in an uncertain economic environment and look more attractively valued relative to recent history.
- **Overweight diversifiers and cash** – attractive diversification characteristics and low correlation to traditional assets.

Rising interest rates offer more attractive returns relative to recent history, whilst cash offers optionality in potentially volatile markets.



## Longer term themes

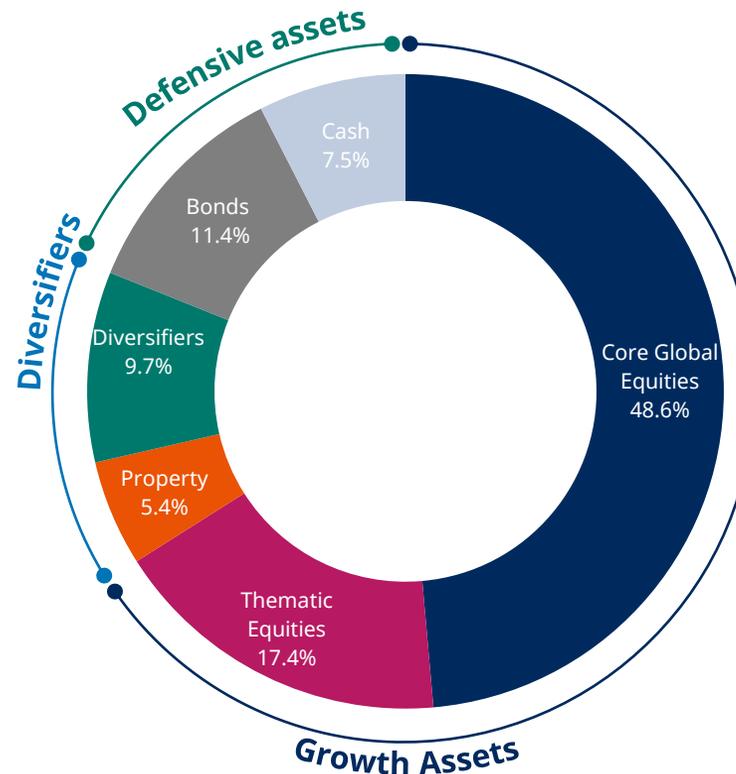
- Green initiatives to benefit from focus on energy independence and more supportive government policy
- More rapid adoption of technology and advances in healthcare
- Secular shift toward private markets

Responsible Multi-Asset Fund	Strategy	Tactical ranges	Current position
Equities	70%	55–85%	66.0%
Bonds	10%	0–20%	11.4%
Property	10%	0–15%	5.4%
Diversifiers	8%	0–15%	9.7%
Cash	2%	0–15%	7.5%

# Responsible Multi-Asset Fund

## Investment Selection - to meet both financial and impact objectives

<b>Defensive assets</b>	<b>18.9%</b>
<b>Bonds</b>	<b>11.4%</b>
Charity Bond Fund	0.8%
Lombard Odier Global Climate Bond Fund	1.2%
Threadneedle European Social Bond Fund	1.1%
Inflation Linked Gilt 2027	1.4%
4.25% Gilt 2032	1.9%
Federated Hermes Climate Change Fund	0.9%
Invesco US Treasury Bond	2.1%
TwentyFour Sustainable Short Term Bond Fund	2.0%
<b>Cash &amp; Equivalents</b>	<b>7.5%</b>
HSBC ESG Liquidity Fund	2.1%
Cash	5.4%
<b>Alternatives</b>	<b>15.1%</b>
<b>Property</b>	<b>5.4%</b>
Property Income Trust for Charities	2.6%
Charities Property Fund	2.8%
<b>Diversifiers</b>	<b>9.7%</b>
International Public Partnerships	0.2%
The Renewables Infrastructure Group	0.3%
WisdomTree Physical Gold	2.7%
Schroder Sustainable Diversified Alternative Assets	4.6%
WisdomTree Energy Transition Metals	1.9%



<b>Growth assets</b>	<b>66.0%</b>
<b>Core Global Equities</b>	<b>48.6%</b>
Direct Equities	48.6%
<i>30 - 50 of the worlds leading sustainable businesses</i>	
<b>Thematic Equities</b>	<b>17.4%</b>
Schroders Global Energy Transition Fund	3.3%
UBAM Positive Impact Emerging Equity	1.7%
Pictet Nutrition	1.8%
Sparinvest Ethical Global Value Fund	8.6%
HSBC Global Equity Sustainable Healthcare Fund	2.0%

Exposure to in house Funds	57.3%
Exposure to External Funds	37.3%

Source: Schroders, 31<sup>st</sup> March 2023. For illustration purposes, not a recommendation to buy or sell



# Appendices



# Sustainability at Schroders

Our experience and expertise

**21+**  
years

ESG integration

**44**

Dedicated  
ESG  
specialists

With  
**300+** years

Combined investment  
experience

**Fully ESG  
Integrated**



Across our managed assets

**2,100+**

Engagements  
in 2021

Across  
**58**

Countries  
globally

**10**

Proprietary investment  
tools and frameworks

**13,000+**

Companies covered by our  
portfolio-level sustainability  
reporting tools

**A+**

UN PRI annual  
assessment<sup>1</sup>

**1st**

Asset manager to tie cost  
of capital to sustainability  
goals

**UN**



**global compact**

Signatory

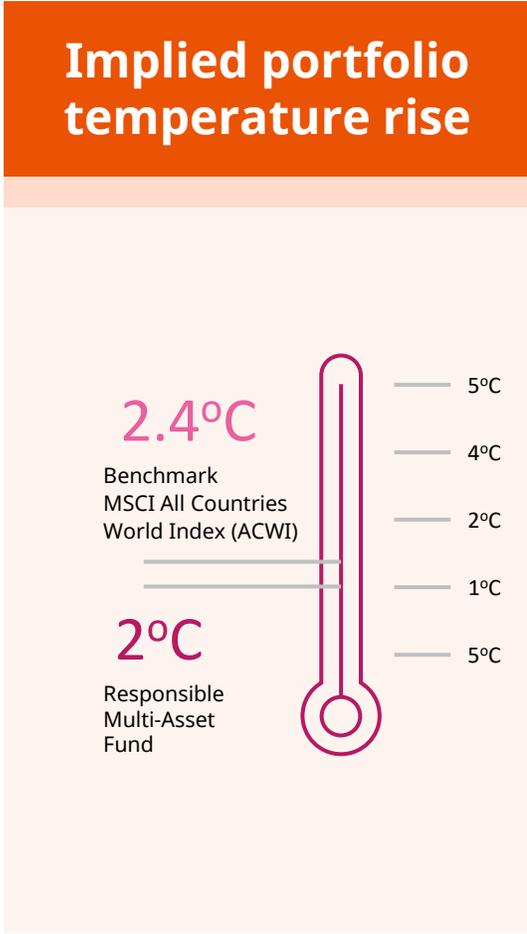
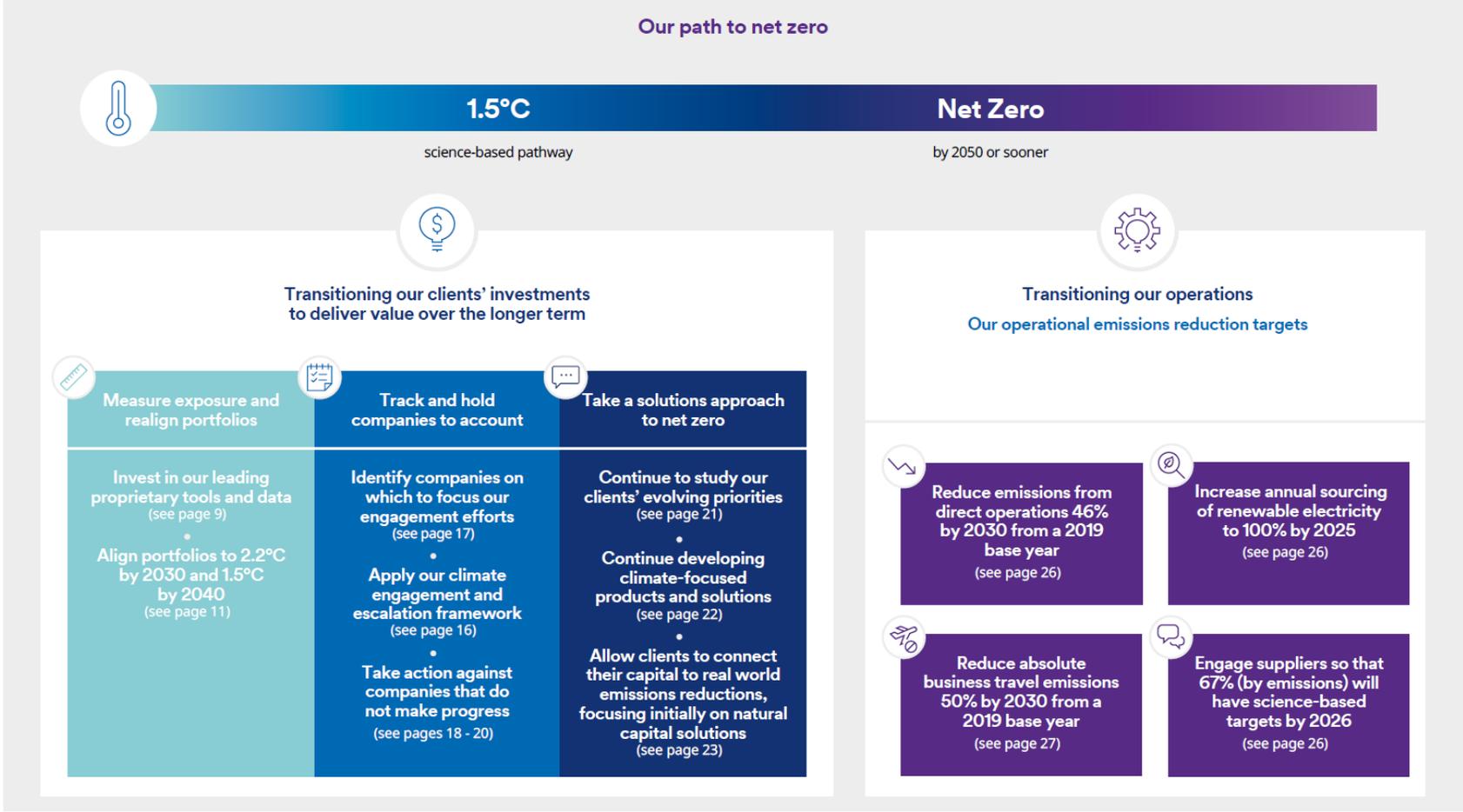
**Net Zero  
Asset  
Manager**

Founding member of  
initiative

Source: Schroders, March 2022 unless otherwise stated. <sup>1</sup>PRI, 2015 - 2020 Assessment Reports. <sup>2</sup>For certain businesses acquired during the course of 2020 and 2021 we have not yet integrated ESG factors into investment decision-making. There are also a small number of strategies for which ESG integration is not practicable or now possible, for example passive index tracking or legacy businesses or investments in the process of or soon to be liquidated, and certain joint venture businesses are excluded.

# Our climate transition action plan

Science-based targets for our investment and operational activities to lead the transition to a low carbon economy



Data is sourced from MSCI Research and Refinitiv. [Schroders Climate Transition Action Plan - Financial Professionals - Schroders](#)

# Investing for a better future

Investing with intention, taking action and delivering impact



## Intention

- ✓ to meet your financial goals
- ✓ to have a positive impact on people and planet
- ✓ to align with your charities values



## Action

- ✓ investing to **avoid** harm, to **benefit** society and contribute to solutions
- ✓ **influencing** companies, managers and policy makers to make progress towards the sustainable development goals



## Impact

- ✓ **measuring** and managing the impact of your investments
- ✓ **reporting** on people and planet

# The power of collective action

## People



**206,596**  
People reached



**93,388**  
People provided with healthcare



**106,323**  
People provided with financial services



**6,598**  
People provided with digital services



**287**  
People received education

## Planet

**75,315** Tonnes of CO<sub>2</sub>e avoided

Which is the equivalent of the carbon absorbed by **1,242,699 trees**





**29,325MWh**  
of renewable energy generated



Enough to power **7,860** homes for a year



**79,564m<sup>3</sup>**  
of waste water treated



**276,532m<sup>3</sup>**  
of water saved

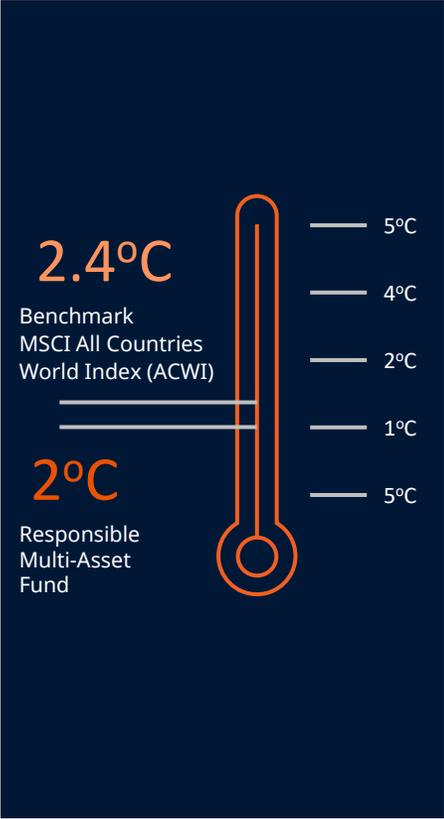


Water saved and treated equivalent of **142** olympic-sized swimming pools

Data shown reflects the notional aligned impact calculated for 12 months to 31 December 2021, based on the value of assets in our sustainable growth fund, accrued daily. The positive impact is generated by the companies that we invest in and the users of their products and services, like the organisations that have helped improve access to healthcare, finance and education and the people who choose to switch to renewable energy. Investors in the sustainable growth fund are aligned with these impacts by investing in a company's activities generally but do not finance any particular activity, product or service that a company may undertake or make available. We use the most up to date underlying impact data available as reported by the companies and fund managers in which we invest to estimate these impact metrics, and apportion it according to our holding size. To illustrate the aggregated impact, we translate the impact into more meaningful comparisons using the following conversion ratios: over a decade, one tree captures and stores 60kg of carbon dioxide from the atmosphere (Source: EPA), the average UK home uses 3,731KWh of electricity in a year (Source: Ofgem). Where data is not available we have not included it, with the expectation that our results are conservative. Impact metrics provided, in part by Net Purpose. The full impact methodology is available on our website.

# Sustainability insights

## Implied portfolio temperature rise



## People

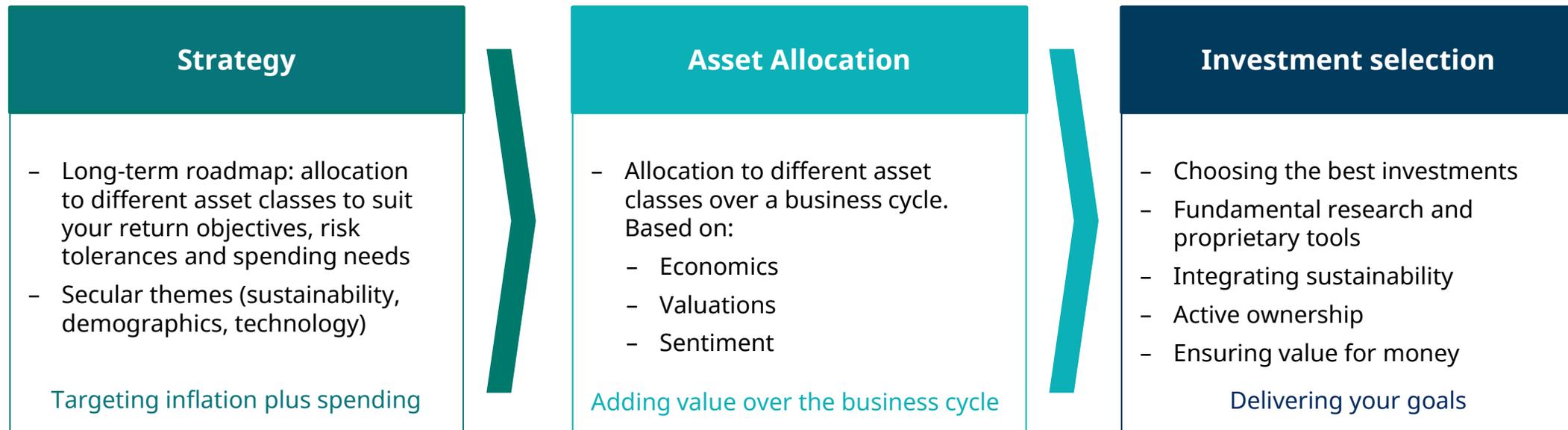
	PORTFOLIO	BENCHMARK
<b>SENIOR MANAGEMENT GENDER DIVERSITY</b> Average % of women in senior management	17%	20%
<b>BOARD GENDER DIVERSITY</b> Average % of women on board	22%	24%
<b>HUMAN RIGHTS POLICY</b> % of companies with a human rights policy	74%	83%

## Planet

	PORTFOLIO	BENCHMARK
<b>WASTE INTENSITY</b> Total amount of waste produced (tonnes) per \$m sales	3 tonnes	302 tonnes
<b>99% lower than the benchmark</b>		
<b>WATER INTENSITY</b> Total water withdrawal (cubic metres) per \$m of sales	853	6,885
<b>88% lower than the benchmark</b>		
<b>CARBON INTENSITY</b> Total CO2 and CO2 equivalents emission (tonnes) per \$m of sales	30	135
<b>78% lower than the benchmark</b>		

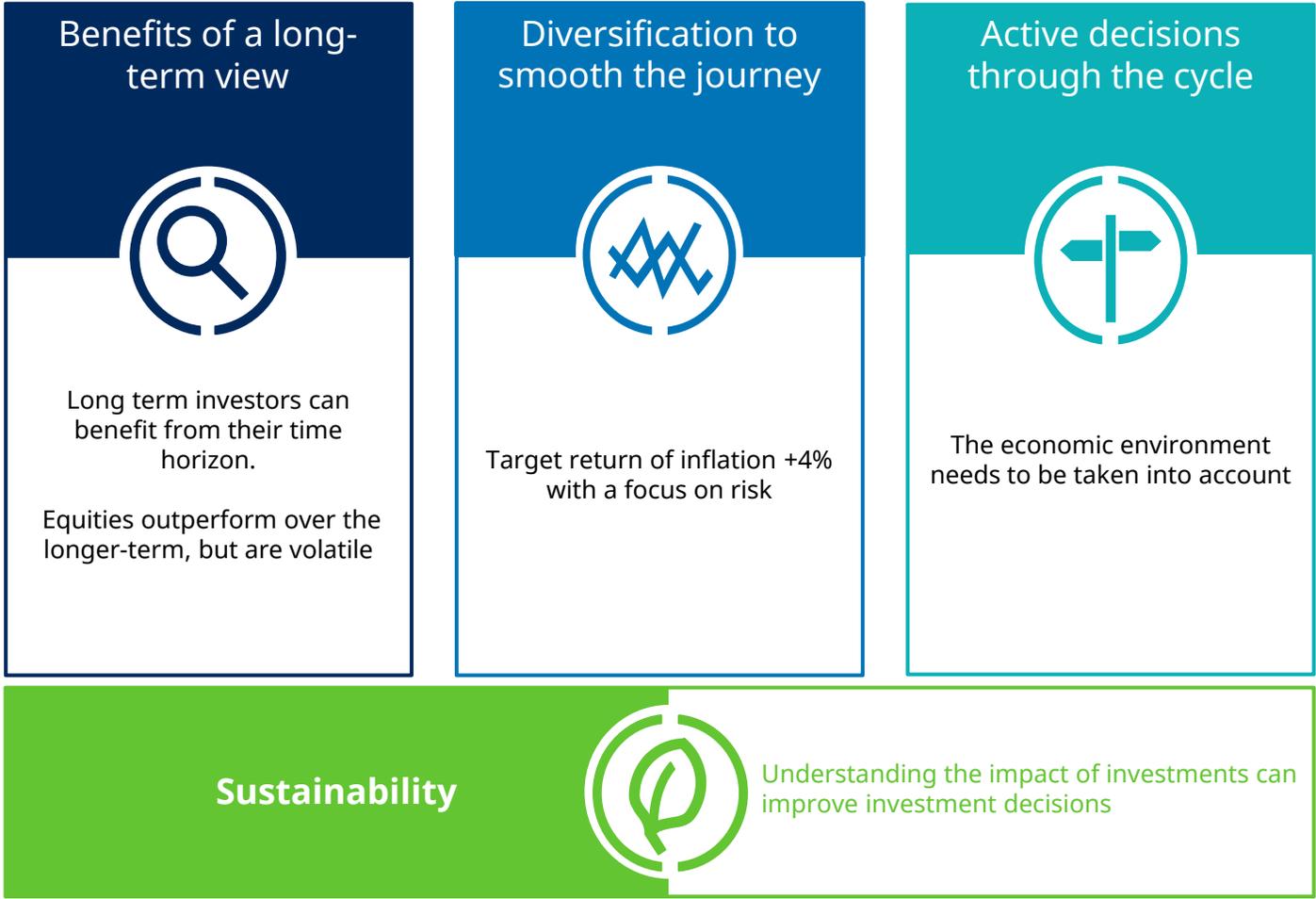
# Investment process

Adding value at every stage of the process



# Investment beliefs

At the heart of our approach



# Why we invest sustainably

It's what makes a great investment 'stay' great



We believe that only investments that are

- run for the long-term
- taking account of their impact on all stakeholders

will be able to sustain growth and returns

---

“Long-term value creation shaped by relationships with stakeholders”

---

# Core equity approach: Global Sustainable Growth

A distinctive approach with five key pillars of value creation



## Philosophy

**Long-term value creation** driven by **stakeholder relationships**



## Expertise

**Unique collaboration** between **experienced** teams, drawing on Schroders' wider global resources



## Sustainability

**Proprietary framework** for differentiated and in-depth analysis



## Portfolio construction

Investment led process focusing on positive sustainability characteristics and strong fundamentals

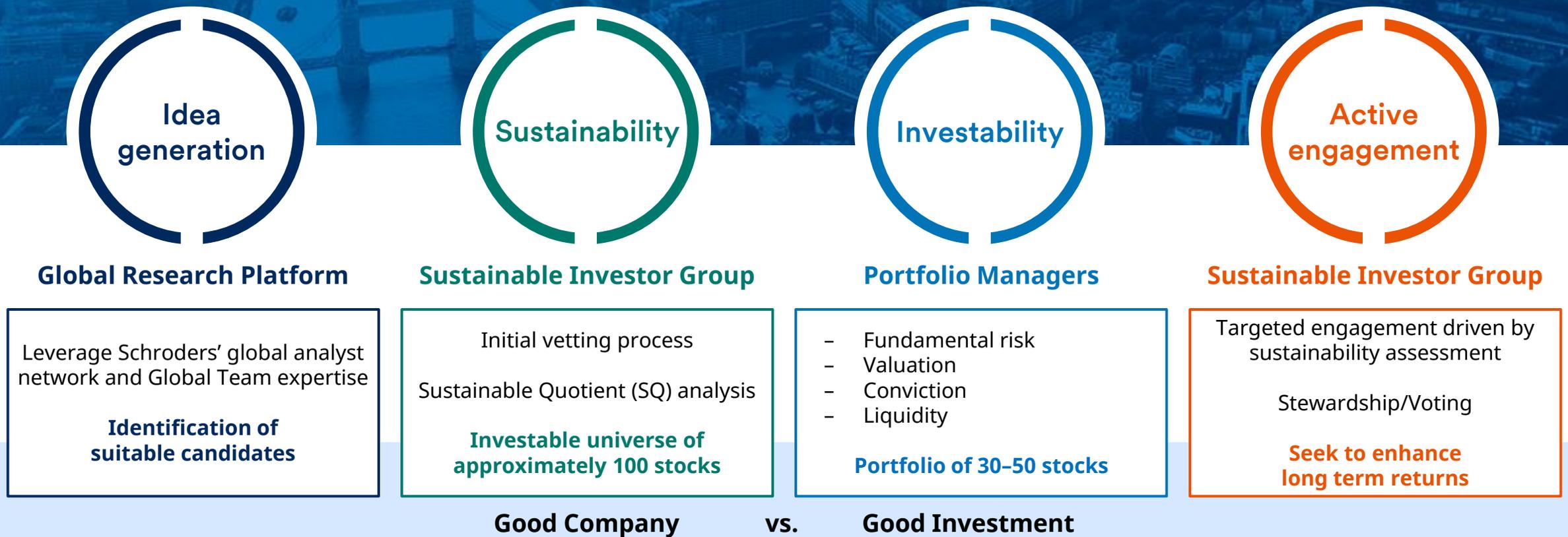


## Active ownership

Targeted engagement to **improve shareholder and societal outcomes**

# Investment process

## Overview



Source: Schroders.

# Schroder Sustainable Diversified Alternative Assets Fund

Providing diversified investment returns and capital for sustainable solutions

- Return target: UK CPI + 2.5% after fees, over a 5-7 year period.
- Invests in alternative asset classes including sustainable infrastructure, social housing, private equity, renewables, gold etc.
- Contributing towards the UN Sustainable Development Goals



Renewables including wind, solar, and bioenergy.

Climate mitigation or adaptation catastrophe-linked bonds

**Investment examples:**

Thomas Lloyd Energy Impact Trust – sustainable energy infra in Asia



Healthcare providers, care homes, doctors surgeries.

Life sciences innovation and technology.

**Investment examples:**

Syncona Ltd  
Impact Healthcare REIT  
Target Healthcare REIT Ltd



Biodiversity-linked investments e.g. carbon offsets and forestry.

Energy transition-linked commodities

**Investment examples:**

SDCL Energy Efficiency Income Trust



Clean energy infrastructure including battery storage, EV charging.

Water and sanitation infrastructure.

**Investment examples:**

International Public Partnerships (INPP)



Social infrastructure including housing, education, hospitals, courts.

Microfinance and financial inclusion.

**Investment examples:**

- Schroder BSC Social Impact Trust

# Companies that consider all their stakeholders

Global direct equity holdings as at 31 March 2023



- Alphabet

- Booking Holdings
- Deckers Outdoor
- Greggs
- Inditex
- Kingfisher
- Sekisui Chemical

- Nestle
- Raia Drogasil
- Reckitt Benckiser
- Unilever

- AIA Group
- B3 SA
- DBS Group
- FinecoBank
- HDFC Bank
- Macquarie Group
- Toronto Dominion

- AstraZeneca
- DexCom
- Elevance Health
- Lonza Group
- Oak Street Health
- Roche
- Thermo Fisher
- UnitedHealth Group



- Bunzl
- Husqvarna
- Recruit Holdings
- RELX
- Schneider Electric
- Spirax-Sarco
- Vestas Wind Systems

- Adobe
- ASML
- Keyence
- Mastercard
- Microsoft
- Salesforce
- TSMC
- Texas Instruments
- Visa

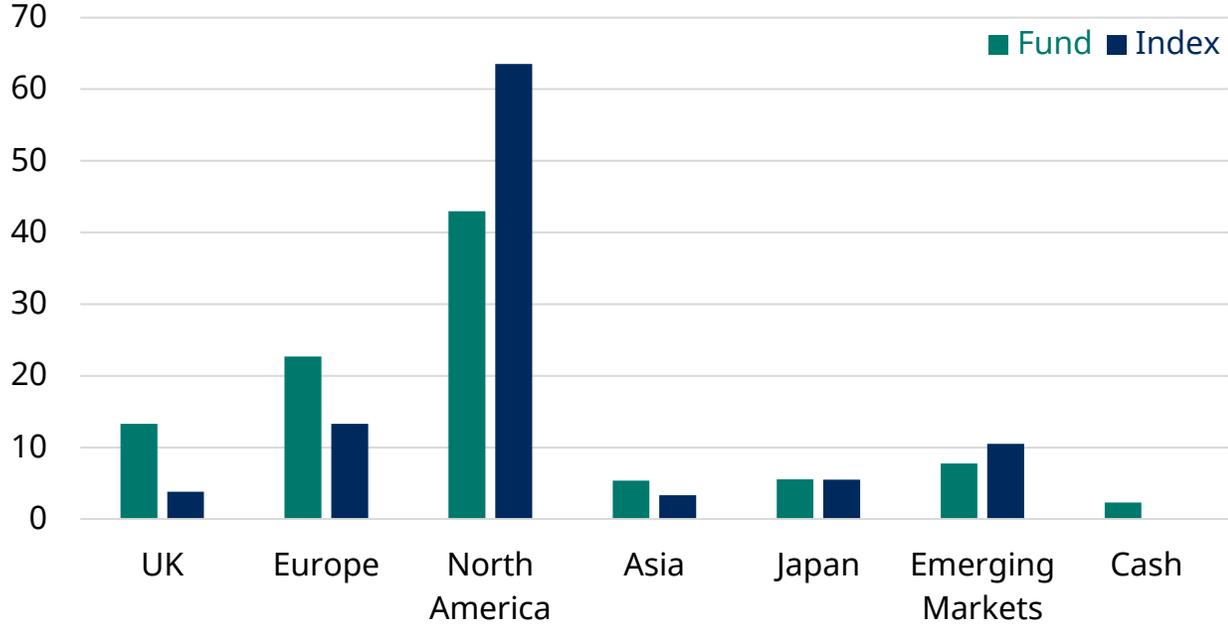
- Norsk Hydro

Source: Schroders, Refinitiv. The stocks and sectors shown above are for illustrative purposes only and are not to be considered a recommendation to buy or sell. Portfolio composition is subject to change.

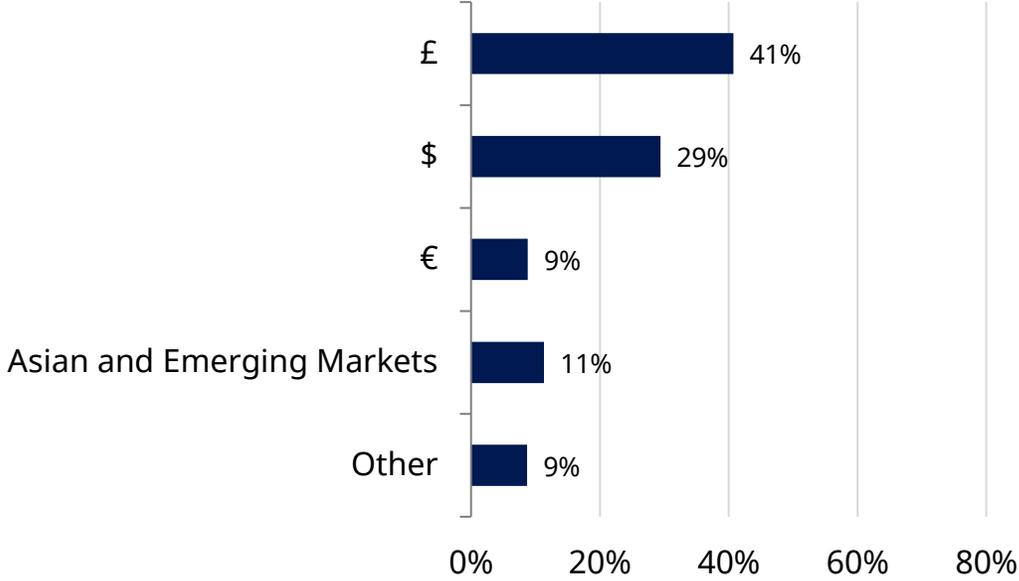
# Investment Selection

## Look through analysis

### Equity Geographical Exposure



### Fund Currency Exposure

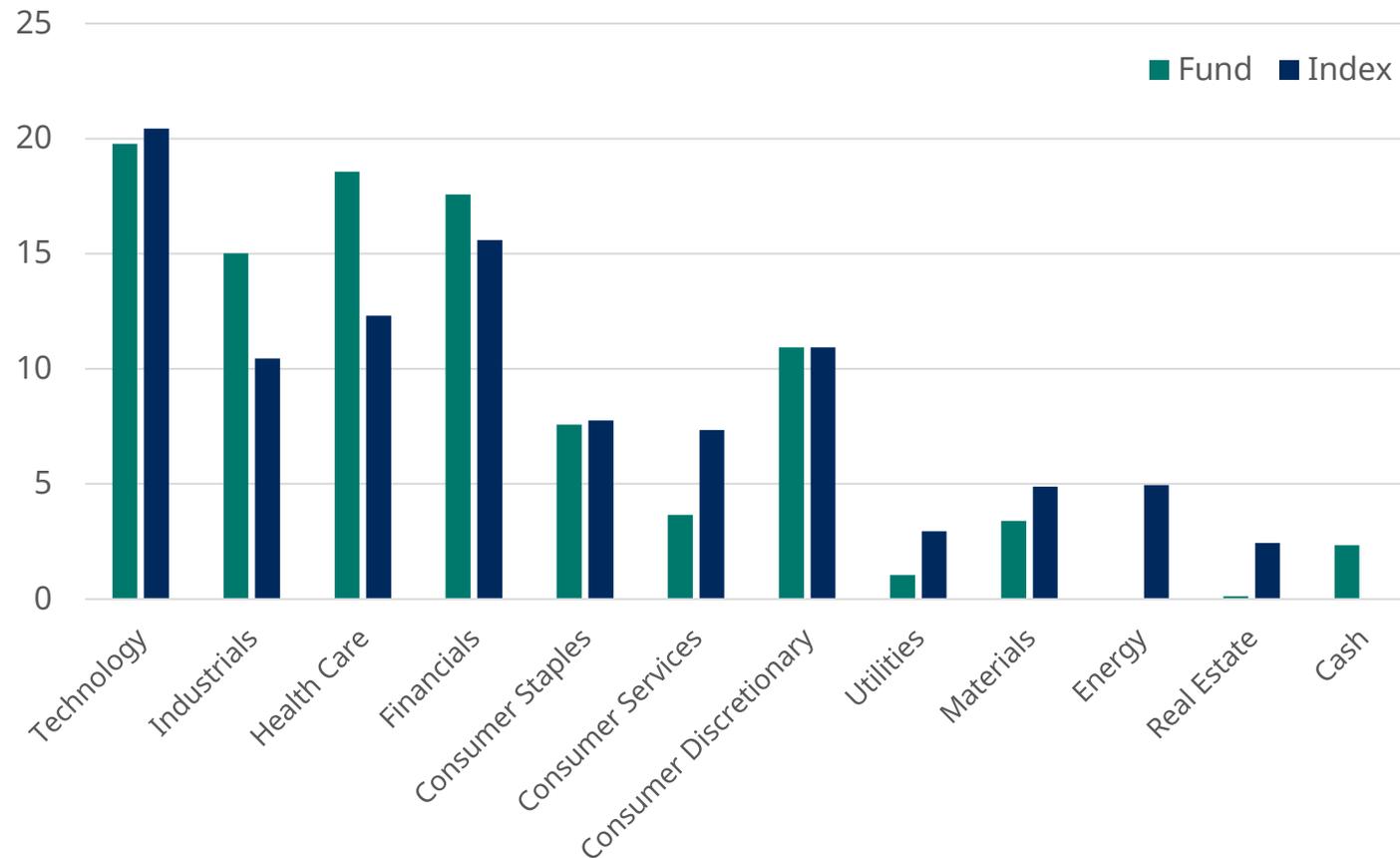


Source: Schroders. Style Analytics benchmark 100% MSCI AC World. As at 31<sup>st</sup> March 2023. For illustration purposes only. Please note that this is indicative exposure only and may change, subject to market conditions and outlook.

# Investment Selection: Equities

## Look through analysis

### Sector Exposure



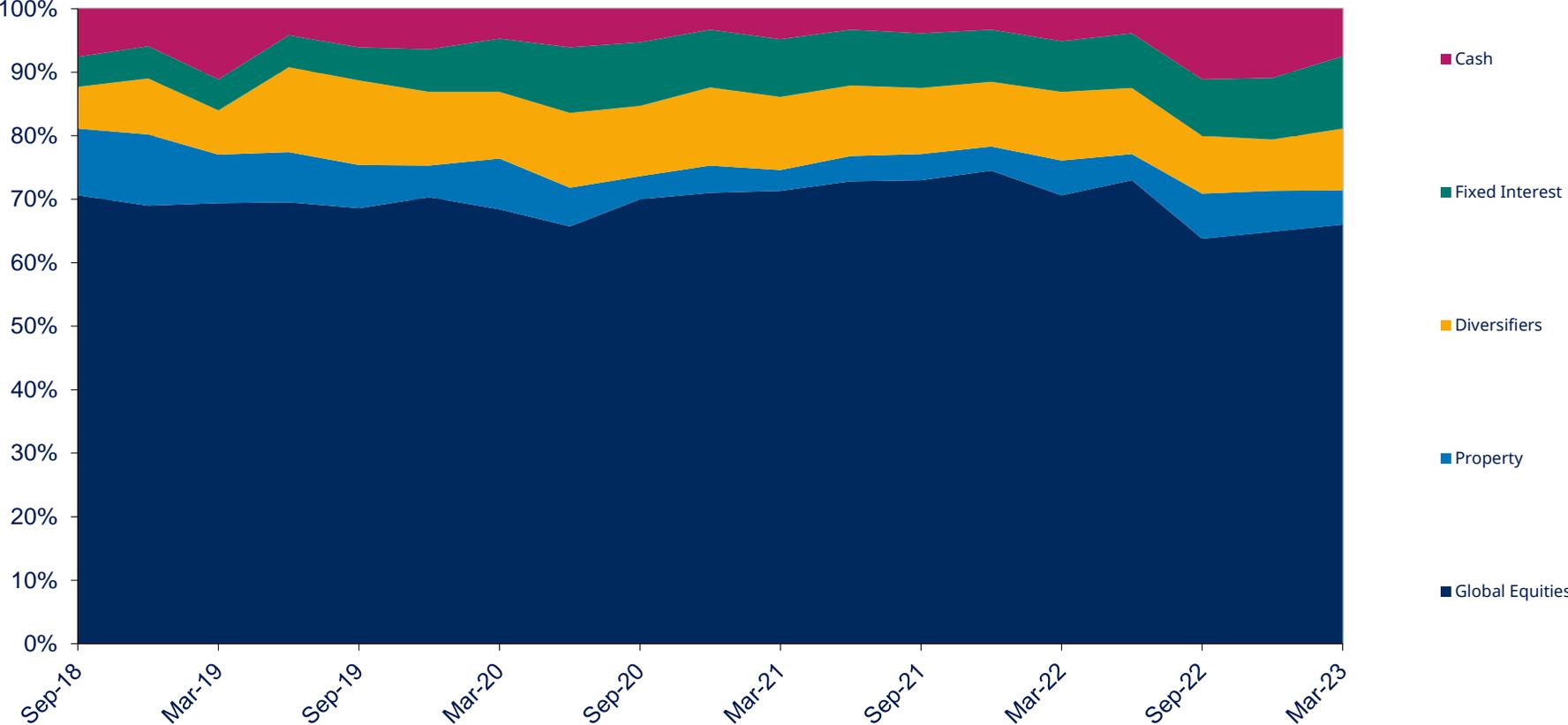
Top 10 Holdings		Exposure	YTD Return
1	Microsoft Corporation	4.9%	+18.2%
2	Schneider Electric	2.9%	+16.9%
3	Alphabet Inc	2.7%	+15.3%
4	Booking Holdings	2.7%	+29.1%
5	AstraZeneca	2.4%	+1.6%
6	Texas Instruments	2.4%	+11.2%
7	Thermo Fisher Scientific	2.3%	+2.8%
8	UnitedHealth Group	2.2%	-12.3%
9	Bunzl Public Limited	2.1%	+10.8%
10	AIA Group	2.1%	-7.1%

Risk Metrics	%
Active Share	80.6%
Tracking error	2.9%
No. of stocks	278
Beta	0.97

Source: Schroders. Style Analytics benchmark 100% MSCI AC World. As at 31<sup>st</sup> March 2023. The securities above are not a recommendation to sell or purchase. For illustration purposes only. Past performance is not a guide to future performance

# Charity Responsible Multi-Asset Fund

## Asset allocation history

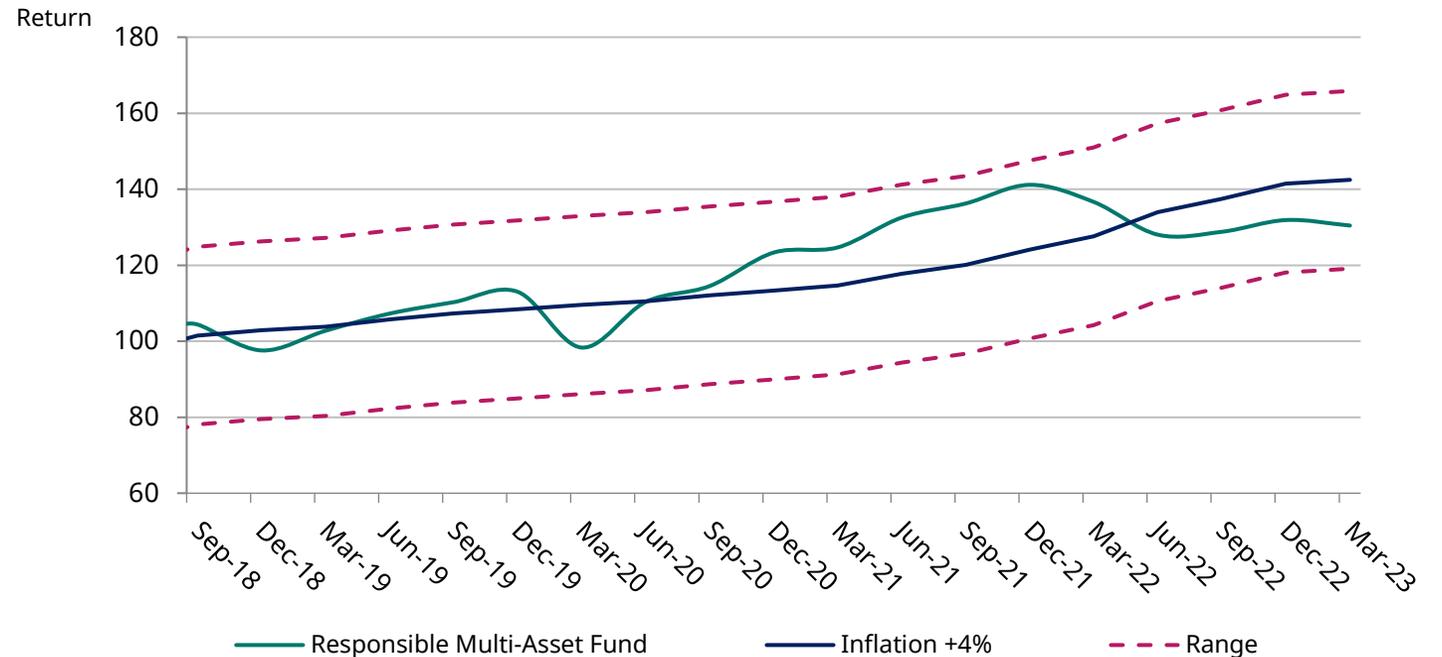


Source: Schroders, 31<sup>st</sup> March 2023

# Responsible Multi-Asset Fund

## Performance since inception

- Long term target of inflation +4%
- Expect oscillations around this target as it is a non-investable 'benchmark'
- Inception base date 1<sup>st</sup> August 2018 when Global Equities were historically 4% above average valuation
- Range: Upper and lower boundaries represent two standard deviations of the strategy from the central return expectation (inflation +4%)
- Targeting circa 70% of global equity market volatility over an economic cycle



**Past performance is not a guide to future performance.**

Source: Datastream/Lipper, bid to bid, in GBP, net income reinvested at 31<sup>st</sup> March 2023. S Share Class; cumulative returns. Inception: 1 August 2018. Global equity PE valuation at launch was 18.6 compared with the 15 year average of 17.9.

# Responsible Multi-Asset Fund

Performance since inception - Must be included in all packs with RMAF performance

	Since Inception	Since Inception p.a.	3 Years to 31 March 2023 (p.a.)	1 April 2022 to 31 March 2023	1 April 2021 to 31 March 2022	1 April 2020 to 31 March 2021	1 April 2019 to 31 March 2020
<b>Responsible Multi-Asset Fund</b>	<b>+28.6%</b>	<b>+5.5%</b>	<b>+10.8%</b>	<b>-2.2%</b>	<b>+9.6%</b>	<b>+26.8%</b>	<b>-4.3%</b>
Inflation (CPI) +4%*	+44.7%	+8.3%	+9.7%	+13.2%	+11.3%	+4.7%	+5.6%

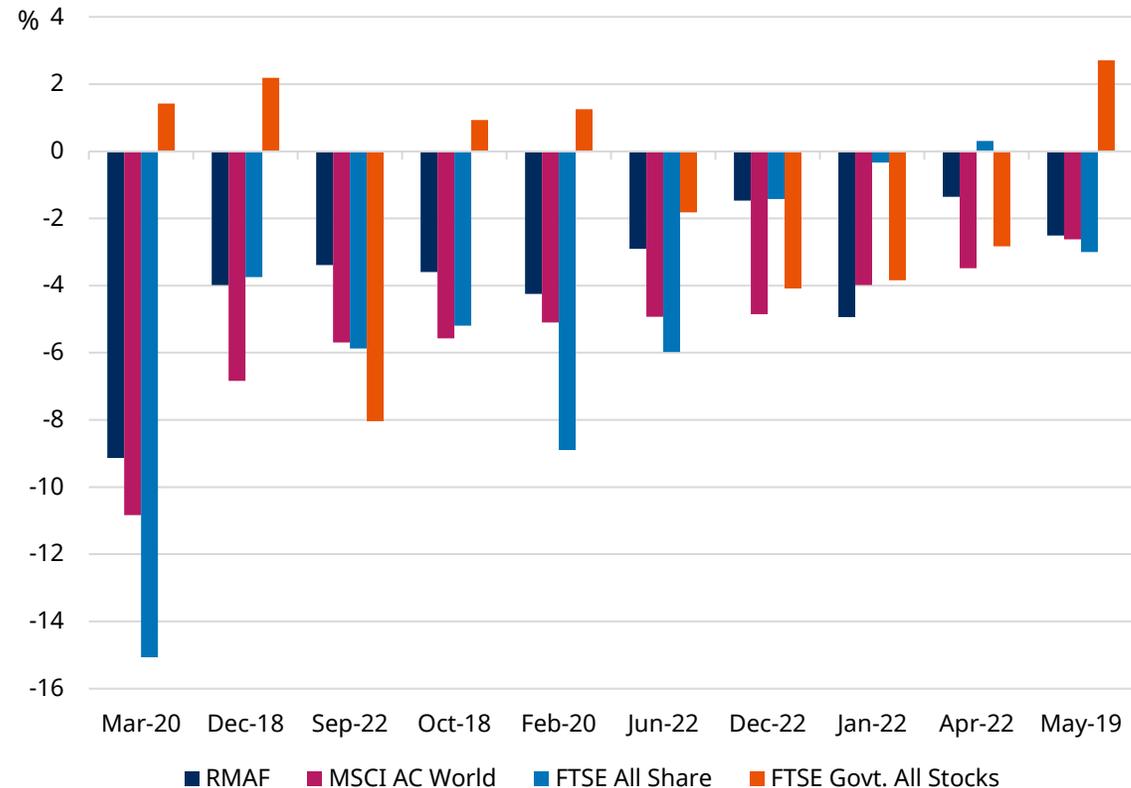
**Past performance is not a guide to future performance.**

Source: Datastream/Lipper, bid to bid, in GBP, net income reinvested at 31<sup>st</sup> March 2023. S Share Class; cumulative returns. Inflation at 30<sup>th</sup> February 2023. Inception: 1 August 2018.

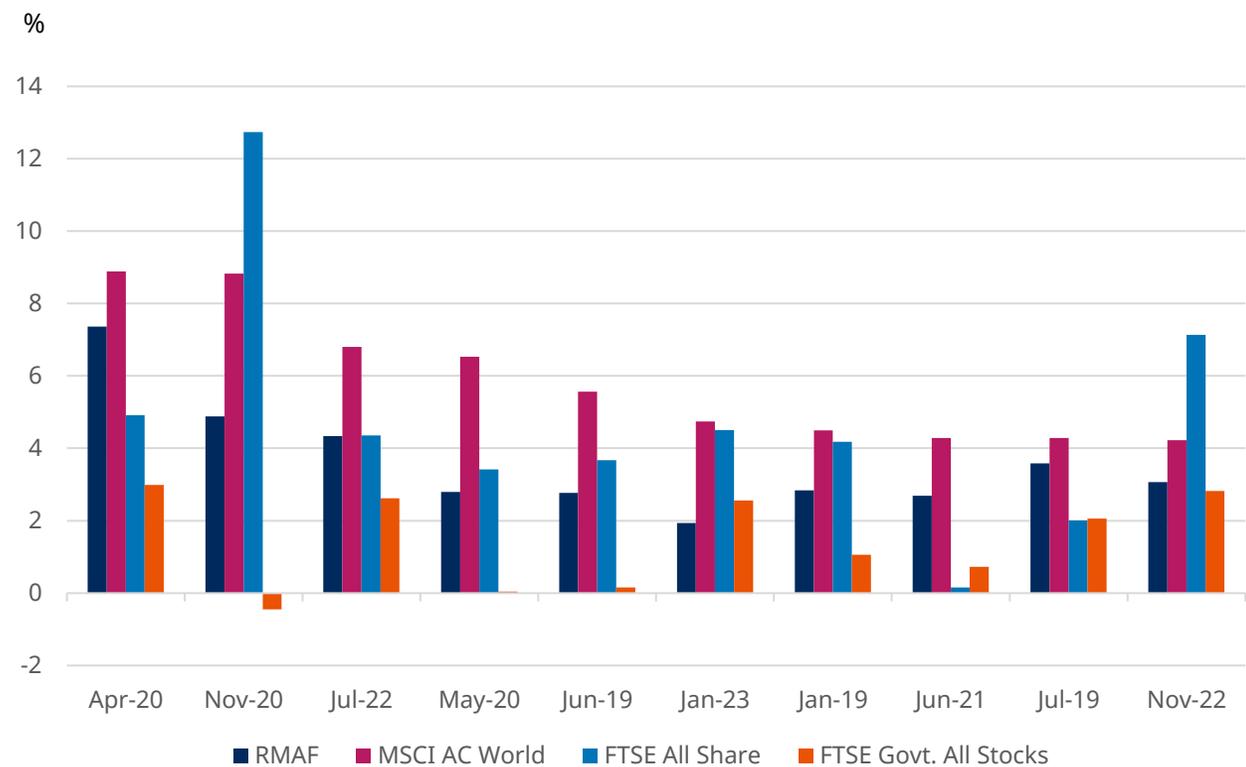
# Responsible Multi-Asset Fund

## Downside risk management

Ten worst months for global equities since inception



Ten best months for global equities since inception



Past performance is not a guide to future performance.

Source: Datastream/Lipper, RMAF S share class in GBP, as at 31<sup>st</sup> March 2023. Inception: 1 August 2018.

# Responsible Multi-Asset Fund

## Fund performance to 31<sup>st</sup> March 2023

Asset Class	Fund	12M	3Y	3Y ANN	5Y	5Y ANN	31 Mar 2022-31 Mar 2023	31 Mar 2021-31 Mar 2022	31 Mar 2020-31 Mar 2021	31 Mar 2019-31 Mar 2020	31 Mar 2018-31 Mar 2019
Equities - Emerging Markets	UBAM Positive Impact Emerging Markets	-3.5% (2)	n/a -	n/a -	n/a -	n/a -	-3.5% (2)	-2.8% (1)	n/a -	n/a -	n/a -
Equities - Emerging Markets	MSCI EM (Emerging Markets) NR USD	-4.0% -	17.2% -	5.4% -	6.9% -	1.3% -	-4.0% -	-9.9% -	35.5% -	-9.0% -	0.3% -
Equities - Global	HSBC Global Sustainable Healthcare Equity	n/a -	n/a -	n/a -	n/a -	n/a -	n/a -	n/a -	n/a -	n/a -	n/a -
Equities - Global	Pictet Nutrition	-6.2% (4)	n/a -	n/a -	n/a -	n/a -	-6.2% (4)	1.5% (4)	n/a -	n/a -	n/a -
Equities - Global	Schroder Global Sustainable Growth	1.2% (1)	65.3% (1)	18.2% (1)	100.7% (1)	15.0% (1)	1.2% (1)	12.6% (2)	45.1% (2)	2.7% (1)	18.2% (1)
Equities - Global	Schroder Global Energy Transition	11.0% (1)	122.9% (1)	30.6% (1)	n/a -	n/a -	11.0% (1)	-3.2% (4)	107.5% (1)	n/a -	n/a -
Equities - Global	Sparinvest Global Ethical Value	1.2% (1)	n/a -	n/a -	n/a -	n/a -	1.2% (1)	n/a -	n/a -	n/a -	n/a -
Equities - Global	MSCI AC World NR GBP	2.2% -	41.5% -	12.3% -	54.2% -	9.1% -	2.2% -	4.3% -	32.8% -	-1.8% -	11.0% -
Fixed Income - UK	Cazenove Charity Bond Fund	-15.2% (1)	-23.0% (1)	-8.4% (1)	-13.2% (1)	-2.8% (1)	-15.2% (1)	-5.6% (2)	-3.9% (1)	9.0% (4)	3.5% (2)
Fixed Income - UK	Vontobel 24 Sust Short Term Bond Income	-2.5% (3)	1.3% (4)	0.4% -	3.2% (3)	0.6% (3)	-2.5% (3)	-1.5% (4)	5.5% (3)	0.0% (2)	1.9% (1)
Fixed Income - Europe ex UK	Threadneedle EU Social Bond	-7.6% -	n/a -	n/a -	n/a -	n/a -	-7.6% -	-5.7% -	n/a -	n/a -	n/a -
Fixed Income - US	Invesco US Treasury Bond ETF	-5.9% -	-14.0% -	-4.9% -	n/a -	n/a -	-5.9% -	-3.9% -	-4.9% -	n/a -	n/a -
Fixed Income - Global	Fed. Hermes Climate Change HY Bond	-13.3% (4)	n/a -	n/a -	n/a -	n/a -	-13.3% (4)	n/a -	n/a -	n/a -	n/a -
Fixed Income - Global	Lombard Odier Global Climate Bond	-6.2% -	-10.1% -	-3.5% -	-3.9% -	-0.8% -	-6.2% -	-5.5% -	1.4% -	4.0% -	2.8% -
Fixed Income - UK	FTSE Actuaries UK Gilts All Stocks	-13.8% -	-27.1% -	-10.0% -	-13.5% -	-2.9% -	-13.8% -	-8.3% -	-7.8% -	15.0% -	3.2% -
Alternatives - Property	Charities Property Fund	-10.1% -	11.0% -	3.5% -	19.1% -	3.6% -	-10.1% -	20.8% -	2.2% -	1.5% -	5.7% -
Alternatives - Property	Property Income Tst for Charities	-16.3% -	4.9% -	1.6% -	14.0% -	2.7% -	-16.3% -	24.6% -	0.6% -	1.6% -	7.1% -
Alternatives - Property	IPD UK All Property Monthly TR	-15.3% -	7.7% -	2.5% -	13.9% -	2.6% -	-15.3% -	23.9% -	2.6% -	0.1% -	5.6% -
Alternatives - Property	IA Property Other TR	-18.9% -	5.7% -	1.9% -	5.2% -	1.0% -	-18.9% -	11.0% -	17.4% -	-7.6% -	7.7% -
Alternatives - Gold	WisdomTree GBP Hedged Gold	-0.3% -	19.7% -	6.2% -	33.2% -	5.9% -	-0.3% -	13.9% -	5.5% -	18.0% -	-5.7% -
Alternatives - Multi-Asset	Schroder Sustainable Diversified Alt. Assets	14.4% -	-	-	-	-	14.4% -	-	-	-	-

**Past performance is not a guide to future performance.**

Source: Lipper, Datastream, bid to bid, in GBP, net income reinvested. 31<sup>st</sup> March 2023. <sup>1</sup>Lagged by one month. For illustration purposes, not a recommendation to buy or sell

# Responsible Multi-Asset Fund

## Fund performance to 31<sup>st</sup> March 2023

Asset Class	Fund	12M	3Y	3Y ANN	5Y	5Y ANN	31 Mar 2022- 31 Mar 2023	31 Mar 2021- 31 Mar 2022	31 Mar 2020 - 31 Mar 2021	31 Mar 2019- 31 Mar 2020	31 Mar 2018- 31 Mar 2019
Alternatives - Property	IPD UK All Property Monthly TR	-15.3%	7.7%	2.5%	13.9%	2.6%	-15.3%	23.9%	2.6%	0.1%	5.6%
Alternatives - Property	IA Property Other TR	-18.9%	5.7%	1.9%	5.2%	1.0%	-18.9%	11.0%	17.4%	-7.6%	7.7%
Alternatives - Gold	WisdomTree GBP Hedged Gold	-0.3%	19.7%	6.2%	33.2%	5.9%	-0.3%	13.9%	5.5%	18.0%	-5.7%
Alternatives - Other	International Public Partnerships	-12.4%	6.3%	2.1%	30.1%	5.4%	-12.4%	7.5%	12.9%	6.6%	14.8%
Alternatives - Other	Renewables Infrastructure Grp (IT)	-2.9%	13.5%	4.3%	53.0%	8.9%	-2.9%	16.9%	0.0%	14.6%	17.6%
Alternatives - Multi-Asset	Schroder Sustainable Diversified Alt. Assets	14.4%	-	-	-	-	14.4%	-	-	-	-

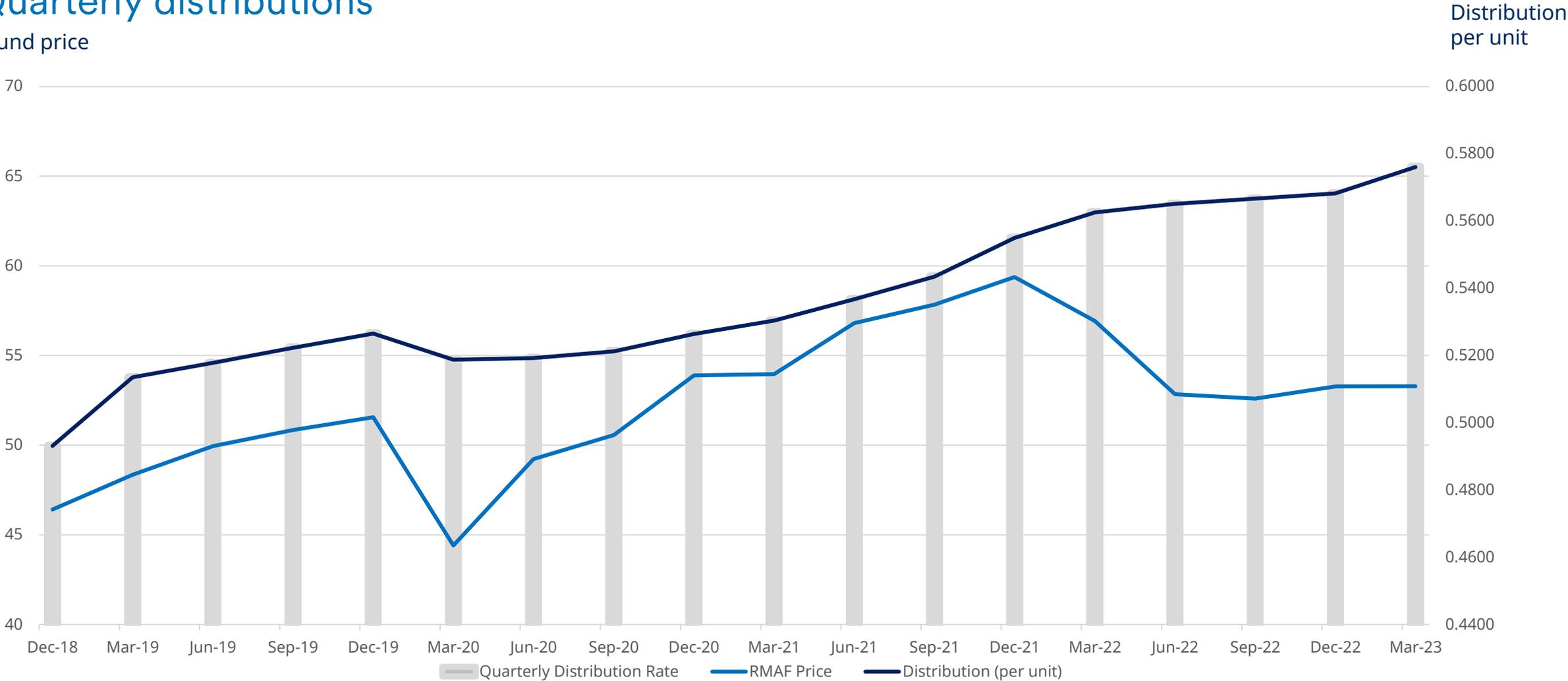
**Past performance is not a guide to future performance.**

Source: Lipper, Datastream, bid to bid, in GBP, net income reinvested. 31<sup>st</sup> March 2023. <sup>1</sup>Lagged by one month. For illustration purposes, not a recommendation to buy or sell

# Responsible Multi-Asset Fund

## Quarterly distributions

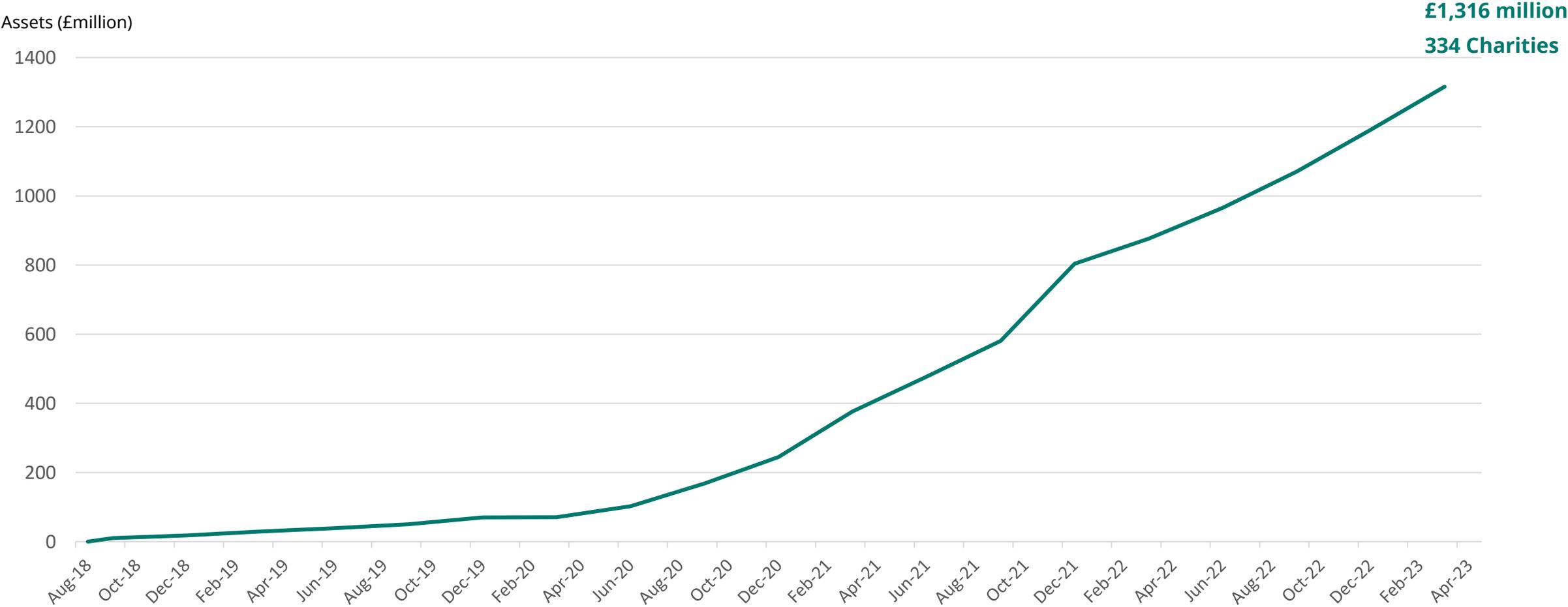
Fund price



Source: Schroders, 31<sup>st</sup> March 2023. RMAF, S Distribution share class. Total return distribution, smoothed over the previous three years targeting 4% per annum, paid 1% per quarter. The target return is not guaranteed and your capital is at risk

# Responsible Multi-Asset Fund

## Assets under management



Source: Schroders 31<sup>st</sup> March 2023. Fund launch date 1<sup>st</sup> August 2018

# Responsible investment policy

## Screening policy

### Exclusions

- Indiscriminate weaponry (zero tolerance)
- Armaments (>10% revenues)
- Pornography (>3% revenues)
- Tobacco (>10% revenues)
- Gambling (>10% revenues)
- High interest rate lending (>10% revenues)
- Human embryonic cloning (>10% revenues)
- Alcohol (>10% revenues unless the company meets industry standards for responsible marketing and retailing)
- Fossil Fuels – extraction, production and refining of coal, oil and gas (>10% revenues)

The exclusion policy reflects common concerns of charities. It will be reviewed regularly and may be amended as considered necessary.

To aid diversification we will incorporate the use of pooled funds and third party managers. As screening policies may differ we will select funds that currently exhibit no exposure to the above sectors and will continue to monitor the underlying holdings for compliance.

# Carbon Offsetting

## Partnership with Ecologi



- To support our efforts to have a positive impact on the planet we offset the portfolio's carbon emissions on a quarterly basis, based on scope 1 and 2 carbon emissions from the equities. We work with social enterprise Ecologi, to buy carbon credits from environmental projects across the world, with a focus on reforestation and conservation of biodiverse forests. We will report on the environmental projects and their impact within our annual impact report.
- The cost of the projects will be paid for by the firm and no charge is passed to investors.
- Carbon offsets are purchased against the average quarterly scope 1 & 2 carbon emissions attributed to the equities, as measured by MSCI, calculated on a daily basis. Offset purchases are voluntary and capped at a maximum of 0.05% of the total funds value.
- Details of the carbon credits purchased and projects supported can be seen at [www.ecologi.com/cazenovecapital](http://www.ecologi.com/cazenovecapital)

# Long-term returns and risk assumptions

## Cazenove Capital GBP Portfolios

### Forward looking return assumptions for high level asset classes (GBP)

	Expected long-term return p.a.	Expected volatility p.a.	Comments
UK equity	7.0%	13.9%	Assumption of 4% equity risk premium over expected returns from government bonds (3%)
Developed market ex-UK equity	7.0%	14.9%	Assumption of 4% equity risk premium over expected returns from government bonds (3%)
Emerging market equity	9.5%	21.4%	Emerging market premium over developed equities expected to reward investors for higher risk and higher anticipated nominal growth rates
Government bonds (UK or £ hedged)	3.0%	6.0%	0.75% excess return over cash for maturity extension
Investment grade corporate bonds (UK or £ hedged)	4.0%	6.1%	Returns derived by adding expected credit spread, net of anticipated losses due to defaults, to government bond yields (credit spread 1.1%, default losses 0.1%)
High yield bonds (UK or £ hedged)	5.0%	9.3%	Returns derived by adding expected credit spread, net of anticipated losses due to defaults, to government bond yields (credit spread 5%, default losses 3%)
Liquid private and real assets	6.0%	12.0%	Reflects return of 5% from real estate and infrastructure (1% premium over investment grade bonds) combined with exposure to listed private equity and debt
Target absolute return	3.75%	8.7%	Long term sensitivity of 0.3 to equity markets expected to generate 1.5% excess returns over cash
Short equity volatility	5.75%	11.2%	Returns from systematic monetisation of equity volatility
Cash (£)	2.25%	0.7%	Derived from inflation assumption of 2% and equilibrium real interest rate of 0.25%

Source: Cazenove Capital, 2021. The expected returns are forecasts and not a reliable indicator of future performance. Illustrative ten year performance for a normal business cycle. Income reinvested with no capital withdrawals. Underlying assumptions and calculations available on request. All forecast performance figures are exclusive of commissions, fees and other charges which will have an effect on final performance figures.

# Disclaimers, risk warnings and regulatory status

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This document may include forward-looking statements that are based upon our current opinions, expectations and projections. We undertake no obligation to update or revise any forward-looking statements. Any such information is not a guarantee of any future performance. There is no assurance that any forecast or projection will be realised.

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**SustainEx™** provides an estimate of the net "impact" that an issuer may create in terms of social and environmental "costs" or "benefits". It does this by using certain metrics with respect to that issuer, and quantifying them positively (for example by paying 'fair wages') and negatively (for example the carbon an issuer emits) to produce an aggregate notional measure of the relevant underlying issuer's social and environmental "costs", "externalities" or "impacts". SustainEx™ utilises and is reliant on third party data (including third party estimates) as well as Schroders' own modelling assumptions, and the outcome may differ from other sustainability tools and measures. Where SustainEx™ relies on data and estimates produced by third parties, Schroders seeks to ensure that such data and estimates are accurate, but Schroders cannot and does not warrant the accuracy, completeness and adequacy of such third party data and estimates. Like any model, SustainEx™ will evolve and develop over time as Schroders continues to assess, refine and add to the metrics and their relative contributions. Generating SustainEx™ scores involves an element of judgment and subjectivity across the different metrics chosen by Schroders, and accordingly Schroders does not accept any liability arising from any inaccuracy or omission in, or the use of or reliance on, SustainEx™ scores. As the model evolves, changes made to how metrics are applied may result in changes to the SustainEx™ score of any issuer and ultimately the overall fund/portfolio score. At the same time, of course, the issuer's SustainEx™ performance might improve or deteriorate. Schroders' proprietary sustainability tools including SustainEx™ may not cover all of a fund/portfolio's holdings from time to time, in which case Schroders may use a range of alternative methods to assess the relevant holding. In addition, certain types of assets (such as cash and certain equivalent securities) are treated as neutral and are therefore not considered by our proprietary tools. Other types of assets such as equity indices and index derivatives may not be considered by our proprietary tools and in such case would be excluded from a product's sustainability score.

# Disclaimers, risk warnings and regulatory status

## Risk warnings

**Investment risk: Past performance is not a guide to future performance and may not be repeated. The value of an investment and the income from it may go down as well as up and investors may not get back the amount originally invested.**

**Private Assets** - Investors should only invest in private assets (and other illiquid and high risk assets) if they are prepared and have the ability to sustain a total loss of their investment. No representation has been or can be made as to the future performance of these investments. Whilst investment in private assets can offer the potential of higher than average returns, it also involves a corresponding higher degree of risk and is only considered appropriate for sophisticated investors who can understand, evaluate and afford to take that risk. Private Assets are more illiquid than other types of investments. Any secondary market tends to be very limited. Investors may well not be able to realise their investment prior to the relevant exit dates.

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# Disclaimers, risk warnings and regulatory status

## Risk warnings (continued)

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