

## LIONTRUST MA DYNAMIC PASSIVE ADVENTUROUS FUND (“the Fund”)

Taskforce for Climate-Related Financial Disclosures (TCFD) Product Report  
Covering 1 January 2023 to 31 December 2023

### Purpose of this report

Under the rules of the Financial Conduct Authority (FCA), Liontrust is required to publish information annually on product level (fund) TCFD disclosures so that investors may have a better understanding of the climate-related risks and opportunities associated with this fund and its underlying holdings. This report is published in line with the requirements of the FCA and TCFD. To understand the governance, strategy and risk management that Liontrust has in place to manage the risks and opportunities related to climate change, please refer to the Liontrust Entity TCFD report found at: [www.liontrust.co.uk/TCFD/entity-report](http://www.liontrust.co.uk/TCFD/entity-report) Where there are any material deviations in this report from the TCFD recommendations, they shall be clearly explained in the entity report.

The following report has been prepared using data from MSCI. In order to ensure that the data provided is representative of the Fund, Liontrust has only reported on data points where there is a minimum data coverage of 60%. Liontrust will review this minimum threshold and will look to increase its disclosures as MSCI data coverage levels improve.

### Key Information

Fund Name	Fund Management Team	ISIN	Fund Size*	Fund Base Currency
Liontrust MA Dynamic Passive Adventurous Fund	Multi-Asset ("the Team")	GB00BCZW4Y67	57,695,736	GBP

\*as at 31 December 2023

### Objective & Policy

- The Fund seeks to achieve capital growth and income with a high level of volatility (risk), having a risk profile of 7, in a range from 1 to 7 where 1 is the lowest risk and 7 the highest.
- The Fund is an actively managed fund of funds.
- The Fund invests at least 70% of its assets in other funds (underlying funds), including funds which are traded on stock exchanges (investment trusts and exchange traded funds), other closed-ended funds and funds managed by the ACD or its associates.
- The underlying funds will invest globally (including in emerging markets) in a range of asset classes and financial instruments including shares, debt instruments (bonds) including those which can easily be converted into cash (money market instruments), freely transferable rights to buy other investments at a future date (warrants), financial contracts that derive their values from those of other investment instruments or indices (derivatives) and deposits.
- The underlying funds will, where practicably possible, be passive funds, meaning they seek to track investment indices.
- The Fund may also invest directly in the above asset classes and financial instruments when there are specific benefits in doing so.
- Further, the Fund may also obtain indirect exposure to property through investment in Real Estate Investment Trusts (REITs) and shares in property investment companies.
- When required to manage liquidity, or the Fund's risk, the Fund may hold its assets in cash or deposits and money market instruments.
- The Fund may use derivatives to help achieve the investment objective (investment purposes) as well as to reduce risk or to manage the Fund more efficiently (often referred to as "efficient portfolio management").
- The Fund aims to take a low level of risk in achieving its investment objective. The Fund has a risk profile of 7, which means it will typically have greater exposure to higher risk assets than other funds in the range which have a lower risk profile.
- The Fund has the ability to invest in a range of asset classes and through the actively managed investment process the Fund is able to react to the market environment through investments in passive funds in a dynamic way.

### Investment Process

The Strategic Asset Allocation (SAA) is essentially the default asset allocation should the fund managers have no views about the relative attractiveness of different asset classes. In determining the SAA, historical returns and volatilities of a range of asset classes, as well as their correlations with each other, and other market dynamics are collated and studied. The SAA is updated annually and has a long-term (15 years) time horizon. The Tactical Asset Allocation (TAA) is the process through which the Multi-Asset team has an overweight or underweight exposure to an asset class or subasset class when compared to the SAA. The TAA may increase or decrease overall strategy risk depending on the Liontrust Multi-Asset team's view of the stage of the market cycle. Even if the Multi-Asset team decides to adopt a neutral risk position, it is still possible to express a view between asset classes and sub-asset classes without meaningfully altering the overall portfolio risk from neutral to the SAA. The Multi-Asset team refers to this as an Efficient Allocation (EA). The TAA is reviewed and updated quarterly. The purpose of the portfolio construction is to take a fairly abstract concept in the form of a TAA and to express it in an investable form for each strategy that the Multi-Asset team manages. The portfolio construction takes account of the output from the TAA as well as the input from the manager selection process. The portfolio construction consists of four steps: factor selection, active and passive, set targets, and risk checks. Manager selection consist of universe filtering, quantitative and qualitative research, operational due diligence, and security set up. The implementation seeks to ensure the Multi-Asset team implements in a manner that treats customers fairly, finds an optimal balance between trading and portfolio turnover, and ensures the implemented holdings reflect the Liontrust Multi-Asset team's views generated through the investment process. While the Liontrust Multi-Asset team takes its fiduciary duty to investors extremely seriously, they also ensure there are effective checks and balances internally.

This document provides you with climate-related information for the Fund. It is not marketing material. The information is required by law. The greenhouse gas (GHG) emissions and carbon metrics represent an aggregation of issuer level data across the Fund that should not be considered as performance indicators within the Fund and may not be taken into account in the management of the portfolio.

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### Fund Information

#### Climate-related commitments

The Fund has not made any climate-related commitments.

#### Governance of climate-related risks and opportunities

- Liontrust has a strong governance structure in place around its Responsible Capitalism (“RC”) platform and approach to ESG integration. For details on this, please see the dedicated TCFD section on Liontrust’s website ([www.liontrust.co.uk/TCFD](http://www.liontrust.co.uk/TCFD))
- The Team is one of Liontrust’s seven investment teams. Each of Liontrust’s investment teams follows its own, well-documented investment process; each is overseen by the Group’s Portfolio Risk Committee (PRC) and is required to demonstrate how it is adhering to its processes. The PRC is responsible for monitoring portfolio risk for each of Liontrust’s funds.
- Liontrust’s Responsible Capitalism (RC) team leads the Group’s strategy, policies, and activities for the Group’s overall RC approach as well as supports, as needed, the Group’s investment teams in their ESG integration and engagement with holdings, particularly on ESG related topics.

#### Strategy for managing, and management of, climate-related risks and opportunities

The Team’s strategy is to create well balanced multi-asset solutions to provide appropriate risk or return profiles based on client suitability. The Team does not currently have a climate specific strategy. Many of the Team’s underlying managers have climate specific strategies enshrined in their approach to investment management and there is a growing support of these and other sustainability related considerations within the Team’s opportunity set. Additionally, the Team operates with an ethos of engaging with and querying its underlying managers’ approach to understand and identify strengths and weaknesses across investment topics as part of their broader process.

### Climate Metrics

Metric	Data coverage (%)	2023	2024	2025
Scope 1 and 2 greenhouse gas emissions (tCO <sub>2</sub> e)*	94.8%	5,808.4		
Scope 3 greenhouse gas emissions (tCO <sub>2</sub> e)*	94.7%	31,441.3		
<b>Total carbon emissions (1+2+3) (tCO<sub>2</sub>e)</b>		<b>37,249.7</b>		
<b>Total carbon footprint (tCO<sub>2</sub>e/\$m invested)</b>	94.8%	<b>79.0</b>		
<b>Weighted average carbon intensity (“WACI”) (tCO<sub>2</sub>e/\$m sales)</b>	95.6%	<b>161.7</b>		

\* For Multi-Asset funds, figures provided have been calculated by Liontrust using MSCI Funds data and AUM figures as at end December 2023

Data for the climate-related information in this table is from MSCI.

For further information on these metrics, including how they are defined and associated limitations, please refer to the Glossary at the end of this report.

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**Climate Metrics (continued)**

**Exposure to carbon intensive sectors**

The Fund is not determined to have high exposure to carbon intensive sectors.

For its Multi-Asset portfolios, Liontrust defines having ‘high exposures to carbon intensive sectors’ as those funds which have greater than 60% of market value invested in issuers with energy consumption intensity data and in the following sectors, rebalanced by the sub-portfolio of corporate holdings\*: Agriculture, Forestry and Fishing; Mining and Quarrying; Manufacturing; Electricity, Gas, Steam and Air Conditioning Supply; Water Supply: Sewerage, Waste Management and Remediation Activities; Construction; Wholesale and Retail Trade, Repair of Motor Vehicles and Motorcycles; Transportation and Storage; and Real Estate Activities.

**Climate Scenarios**

Metric	Data coverage (%)	Orderly transition (%)	Disorderly transition (%)	Hothouse World (%)
Policy Climate VaR (Scope 1,2,3)	94.8%	-12.3%	-16.8%	-2.5%
Technology Opportunities Climate VaR	83.5%	1.6%	2.9%	0.4%
Physical Climate VaR**	93.4%	-5.3%	-5.3%	-9.0%
Aggregated Climate VaR		-16.0%	-19.2%	-11.2%

\*\*Selected Scenario: Aggressive

Data for the climate-related information in this table is from MSCI. For further information on these metrics, including how they are defined and associated limitations, please refer to the Glossary at the end of this report.

**Commentary**

In both the orderly and disorderly transition scenarios, Policy Climate VaR is the most significant driver of impact. This is due to the anticipated costs borne by holdings to adhere to policy requirements to achieve a 1.5°C world eroding more capital. This trend is more pronounced in the disorderly transition as it is assumed that policy response is delayed and would therefore need to be more aggressive to achieve a 1.5°C world. Physical Climate VaR is the most significant driver of impact in the hothouse world scenario. This is due to increased physical risks from extreme weather events.

**Implied Temperature Rise (“ITR”)**



The ITR for the Fund is 2.5°C. It can therefore be categorised as misaligned with regard to the Paris Agreement.  
Data coverage for the Fund is 94.6%

Data for this climate-related information is from MSCI. For further information on these metrics, including how they are defined and associated limitations, please refer to the Glossary at the end of this report.

\*NACE codes are one of the commonly used classification systems to categorise the economic activities of firms and have been used to determine whether a holding within the portfolio falls within one of the 'carbon intensive' sectors noted above.

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MSCI Climate VaR and ITR metrics provided in this report may not fully reflect future economic reality and are subject to measurement uncertainties resulting from limitations inherent in nature and should not be construed to represent any belief regarding materiality or financial impact. Climate VaR and ITR are being provided in this report for the purposes of complying with applicable ESG reporting requirements.

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### Glossary – Climate-Related Metrics

Term used	Definition	Interpretation	Limitations
<b>Scope 1 greenhouse gas (GHG) emissions*</b>	Scope 1 emissions are direct emissions from owned or controlled sources. Emissions are measured in tonnes of carbon dioxide equivalent (tCO <sub>2</sub> e)	The higher the emissions of the fund, the greater the extent of the fund’s underlying holdings’ contribution to GHG emissions.	Data used may include estimates.
<b>Scope 2 greenhouse gas (GHG) emissions*</b>	Scope 2 emissions are indirect emissions from the generation of purchased energy. Emissions are measured in tonnes of carbon dioxide equivalent (tCO <sub>2</sub> e)	The higher the emissions of the fund, the greater the extent of the fund’s underlying holdings’ contribution to GHG emissions.	Data used may include estimates.
<b>Scope 3 greenhouse gas (GHG) emissions*</b>	Scope 3 emissions are all indirect emissions (not included in scope 2) that occur in the value chain of the reporting company, including both upstream and downstream emissions. Emissions are measured in tonnes of carbon dioxide equivalent (tCO <sub>2</sub> e)	The higher the emissions of the fund, the greater the extent of the fund’s underlying holdings’ indirect contribution to GHG emissions.	Data used may be modelled.
<b>Total carbon emissions</b>	Total carbon emissions are the sum of Scope 1, Scope 2 and Scope 3 emissions.	The higher the emissions of the fund, the greater the extent of the fund’s underlying holdings’ contribution to GHG emissions.	Data used may include estimates or may be modelled.
<b>Total carbon footprint</b>	Total carbon footprint is total Scope 1 and 2 carbon emissions for a portfolio normalized by the market value of the portfolio. Total carbon footprint is measured in tonnes of carbon dioxide equivalent per million USD invested (tCO <sub>2</sub> e/\$m invested)	The higher the carbon footprint, the greater the extent of the fund’s underlying holdings’ contribution to GHG emissions. Total carbon footprint allows for comparison across funds.	Data used may include estimates or may be modelled. Total carbon footprint does not include Scope 3 GHG emissions.
<b>Weighted average carbon intensity (WACI)</b>	WACI is a measurement of a fund’s exposure to the carbon intensity of its holdings. WACI is calculated by multiplying the carbon intensity of each holding by the weight of each holding in a portfolio. It is measured in tonnes of carbon dioxide equivalent per million USD of sales (tCO <sub>2</sub> e/\$m sales) WACI figures provided do not include sovereigns	The larger the WACI, the higher the fund’s exposure to the carbon intensity of its holdings. WACI allows for comparison across funds.	Data used may include estimates or may be modelled. WACI does not include Scope 3 GHG emissions.
<b>Climate Value at Risk (CVaR)</b>	<p>CVaR is a forward-looking quantitative model that forecasts the present value of future costs and benefits under different potential climate scenarios. Aggregated CVaR is made up of:</p> <p><b>Policy Climate VaR</b> - The value of underlying holdings at risk of being lost due to climate change policies being enacted by countries. These policies will lead to higher carbon prices, which will then impact the business operations of different sectors.</p> <p><b>Technology Opportunities VaR</b> - The profit opportunity available to underlying holdings who can take advantage of the costs that companies will face from ‘policy risk’. MSCI measures companies’ profit opportunity by assessing the quality of their low-carbon technology patent library.</p> <p><b>Physical Climate VaR</b> - The costs of damage or loss of productivity to underlying holdings from increased incidence and severity of weather events because of climate change: e.g. wildfires, extreme heat, and flooding.</p>	The more negative the CVaR, the higher the potential negative impact on the value of the fund’s underlying holdings.	CVaR values reflect costs out to a horizon of 2100, which is not in line with fund investment horizons. Data used is modelled.
<b>Implied Temperature Rise (ITR)</b>	ITR estimates the global temperature increase contribution from a fund’s current GHG trajectory. It can show the estimated temperature alignment of funds with global climate targets.	<p>The ambitions of the Paris Agreement are to keep a global temperature rise this century well below 2°C above pre-industrial levels and to pursue efforts to limit the temperature even further to 1.5°C. In this context, the ITR of the fund can be interpreted according to the following Paris-alignment categories:</p> <p><b>1.5°C aligned</b>- ITR of &lt;= 1.5°C</p> <p><b>2°C aligned</b>- ITR of &gt;1.5°C- 2°C</p> <p><b>Misaligned</b>- ITR of &gt;2.0-3.2°C</p> <p><b>Strongly Misaligned</b>- ITR of &gt;3.2°C</p>	Underlying GHG emissions data used may include estimates.

#### Further information on reporting period

This report has been produced using MSCI Funds data. While best efforts have been made to ensure that the data represents the reporting period, underlying data is maintained by MSCI and may not be fully representative of the fund as at 31 December 2023.

\*The allocation base is Enterprise Value Including Cash (EVIC).

All of the metrics listed above are sourced from MSCI.

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Scenario used	Definition
<b>Orderly Transition</b>	Climate scenario which assumes climate policies are introduced early and become gradually more stringent, reaching global net zero CO <sub>2</sub> emissions around 2050 and likely limiting global warming to below 2 degrees Celsius on pre-industrial averages. The figure provided relates to the 1.5°C Regional Model of Investment and Development (REMIND) Network for Greening the Financial System (NGFS) Orderly scenario as provided by MSCI.
<b>Disorderly Transition</b>	Climate scenario which assumes climate policies are delayed or divergent, requiring sharper emissions reductions achieved at a higher cost and with increased physical risks in order to limit temperature rise to below 2 degrees Celsius on preindustrial averages. The figure provided relates to the 1.5°C REMIND NGFS Disorderly scenario as provided by MSCI.
<b>Hothouse World</b>	Climate scenario which assumes only currently implemented policies are preserved, current commitments are not met, and emissions continue to rise, with high physical risks and severe social and economic disruption and failure to limit temperature rise. The figure provided relates to the 3°C REMIND NGFS Nationally Determined Contributions (NDC) scenario as provided by MSCI.
<b>Aggressive Scenario for Physical Climate VaR</b>	A scenario which explores the severe downside risk of costs from weather extremes, using a probabilistic modelling framework from MSCI. This scenario was selected to provide a worst-case scenario view from a physical CVaR perspective.

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**Past performance does not predict future returns. You may get back less than you originally invested.**

### **MSCI Notice and Disclaimer**

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### **Important information**

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