

Taskforce for Climate-Related Financial Disclosures (TCFD) Product Report

# 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.com/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	Benchmark
Liontrust Global Technology Fund	Global Innovation ("the Team")	GB00BYXZ5N79	222,821,043	GBP	MSCI World Information Technology

<sup>\*</sup>as at 31 December 2024

## **Objective & Policy**

- To generate long term (5 years or more) capital growth.
- The Fund invests in Global technology and telecommunications equities.
- The Fund may also invest in other eligible asset classes as detailed within the prospectus.
- The Fund is considered to be actively managed in reference to the benchmark(s) detailed above by virtue of the fact that it uses the benchmark(s) for performance comparison purposes. The benchmark(s) are not used to define the portfolio composition of the Fund and the Fund may be wholly invested in securities which are not constituents of the benchmark.
- The Fund may, under certain circumstances, invest in derivatives but it is not intended that their use will materially affect volatility. Derivatives are used to protect against currencies, credit and interest rate moves or for investment purposes. The use of derivatives may create leverage or gearing resulting in potentially greater volatility or fluctuations in the net asset value of the Fund. A relatively small movement in the value of a derivative's underlying investment may have a larger impact, positive or negative, on the value of a fund than if the underlying investment was held instead.

# **Investment Process**

The team seeks to generate strong returns by investing in innovative companies.

The team sets their investible universe to only those companies that are listed, liquid (with a market capitalisation above \$1billion at the time of purchase) and have the resources to innovate (based on metrics of financial strength).

The team manages the Global Innovation 200 watchlist, an ever evolving list of the most innovative companies around the world across all sectors and regions. Every company that makes it onto the list has four attributes:

- Innovation: Creates genuine value for customers by driving down prices or providing more for its customers' money.
- Barrier: Has strong barriers to competition to capture value for shareholders.
- Management: Has good management with the right incentives and ability to execute.
- Cash returns on capital: Can convert its investments in innovation into cash.

The team identifies the price they are willing to pay for a company using a 10-year DCF model. Their hurdle to invest is an anticipated 15% annual compound return. As part of valuation the team conducts a risk assessment, covering financial, disruptive innovation and ESG factors.



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## **Fund Information**

#### **Climate-related commitments**

The Fund is part of Liontrust's initial commitment to the Net Zero Asset Managers' (NZAM) Initiative which aims to achieve:

- By 2025: a 25% reduction in the fund's weighted average carbon intensity (WACI) compared to the fund's benchmark WACI as at end December 2019
- By 2030: a 50% reduction in the fund's WACI compared to the fund's benchmark WACI as at end December 2019

The Liontrust Global Technology Fund was benchmarked at end December 2022 against the fund's performance benchmark, MSCI World Information Technology. However, continuing the use of this benchmark for comparing the fund's WACI is problematic, as this index is highly concentrated with just three companies making up over 50% of the benchmark. Therefore, the team will benchmark the fund against the MSCI World which is comparatively less concentrated.

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

- Stewardship, engagement and governance activities are overseen by a stewardship and governance team. This includes funds' net zero commitments (where applicable), stewardship and engagement activities, and ESG-related regulatory reporting. For more information, please refer to the dedicated TCFD section on Liontrust's website (www.liontrust.com/TCFD).
- A Board Committee, the Sustainability Committee, leads Liontrust's approach to meeting its wider corporate ESG responsibilities and reporting.
- Each of Liontrust's investment teams follows its own, well-documented investment process; each is overseen by the 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.
- The stewardship and governance team assists this fund with monitoring its WACI.

#### Strategy for managing climate-related risks and opportunities

The Team's strategy, as outlined in the investment process, is to invest in innovative companies. It does not have a climate specific strategy (outside of the ESG impacts on valuation).

## Management of climate-related risks and opportunities

The Team analyses and tracks climate-related risks and opportunities in line with its investment process.

Climate Metrics				
Metric	2024 Data coverage (%)	2023	2024	2025
Scope 1 and 2 greenhouse gas emissions (tCO2e)	95.7%	983.2	1,415.2	
Scope 3 greenhouse gas emissions (tCO2e)	95.7%	10,554.8	21,618.6	
Total carbon emissions (1+2+3) (tCO2e)		11,538.0	23,033.8	
Total carbon footprint (tCO2e/\$m invested)	95.7%	5.9	5.0	
Weighted average carbon intensity ("WACI") (tCO2e/\$m sales)*	95.7%	22.9	28.8	

<sup>\*</sup> WACI figure provided does not include sovereigns

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.

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.

This document provides you with climate-related information for the Fund. It is not marketing material. The information is required by law.



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## Climate Metrics (continued)

#### **Exposure to carbon intensive sectors**

The Fund is determined to have high exposure to carbon intensive sectors.

Liontrust defines having 'high exposures to carbon intensive sectors' as those funds which have greater than 60% of investments, by portfolio weight, in the following sectors\*: 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)	95.7%	-1.3%	-1.7%	-0.2%
Technology Opportunities Climate VaR	84.9%	0.1%	0.2%	0.0%
Physical Climate VaR**	90.7%	-0.4%	-0.4%	-0.7%
Aggregated Climate VaR		-1.5%	-2.0%	-0.8%

<sup>\*\*</sup>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 a 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 2.0°C. It can therefore be categorised as 2°C aligned with regard to the Paris Agreement. Data coverage for the Fund is 95.7%

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.

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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erm used	Definition	Interpretation	Limitations
cope 1 reenhouse as (GHG) missions*	Scope 1 emissions are direct emissions from owned or controlled sources. Emissions are measured in tonnes of carbon dioxide equivalent (tCO2e)	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.
cope 2 reenhouse as (GHG) missions*	Scope 2 emissions are indirect emissions from the generation of purchased energy. Emissions are measured in tonnes of carbon dioxide equivalent (tCO2e)	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.
cope 3 reenhouse as (GHG) missions*	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 (tCO2e)	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.
otal carbon missions	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.
otal carbon potprint	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 (tCO2e/\$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 includ Scope 3 GHG emissions.
Veighted verage arbon ntensity WACI)	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 (tCO2e/\$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.
:limate /alue at Risk CVaR)	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:  Policy Climate VaR - 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.  Technology Opportunities VaR - 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.  Physical Climate VaR - 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.	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 horizon Data used is modelled.
mplied Jemperature Lise (ITR)	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.	The ambitions of the Paris Agreement are to keep a global temperature rise this century well below 2°C above preindustrial 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:  1.5°C aligned- ITR of <= 1.5°C  2°C aligned- ITR of >1.5°C- 2°C  Misaligned- ITR of >2.0-3.2°C  Strongly Misaligned- ITR of >3.2°C	Underlying GHG emissio data used may include estimates.

<sup>\*</sup>The allocation base is Enterprise Value Including Cash (EVIC).

All of the metrics listed above are sourced from MSCI.



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Glossary – Climate-Related Metrics			
Scenario used	Definition		
Orderly Transition	Climate scenario which assumes climate policies are introduced early and become gradually more stringent, reaching global net zero CO2 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.		
Disorderly Transition	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.		
Hothouse World	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.		
Aggressive Scenario for Physical Climate VaR	A scenario which explores the severe downside risk of costs from weather extremes, using a probabalistic 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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