

NORTHERN TRUST INVESTMENT FUNDS PLC

31 December 2022

Fund Name	Turnover	AUM change over 1 year (%)
The NT All Country Asia ex Japan Custom ESG Equity Index Fund	8.87%	-58.83%
The NT Emerging Markets Custom ESG Equity Index Fund	11.18%	-23.22%
The NT Emerging Markets Quality Low Carbon Fund	32.11%	-15.65%
The NT Emerging Markets Multifactor ESG Fund	38.21%	-76.58%
The NT Emerging Markets ESG Leaders Equity Index Fund	17.99%	-36.77%
The NT Emerging Markets Green Transition Index Fund	10.83%	-18.25%
The NT Euro Government Bond Index Fund	41.97%	524.32%
The NT Euro Government Inflation Linked Index Fund	31.99%	-73.89%
The NT High Quality Euro Government Bond Index Fund	22.64%	14.32%
The NT US High Yield Fixed Income Fund	19.74%	-16.89%
The NT EM Local Currency Government Bond Index Fund	36.21%	-7.06%
The NT Euro Investment Grade Corporate ESG Bond Index Fund	33.35%	78.93%
The NT Global High Yield ESG Bond Index Fund	24.96%	-58.19%

Portfolio Turnover Ratio (PTR) for the period 1 January 2022 - 31 December 2022

PTR is the sum of the daily turnover ratio of the investments and this is a measure of the incurred transaction costs resulting from the investment portfolio policies pursued and the ensuing investment transactions.

In the calculation method that is used the amount of turnover is determined by the sum of all purchases and all sales of investments, excluding derivative and liquidity instruments, per business day less the absolute net value of subscriptions and redemptions for the same day, divided by the daily end of day net asset value NAVC. The annual portfolio turnover ratio is determined by calculating the cumulative daily turnover for the period in review.

The calculation excludes derivatives, foreign exchange, and absolute net value of subscriptions and redemptions (client transactions), therefore where cash flows do not require the purchases or sales of securities this can result in negative turnover on any given day.