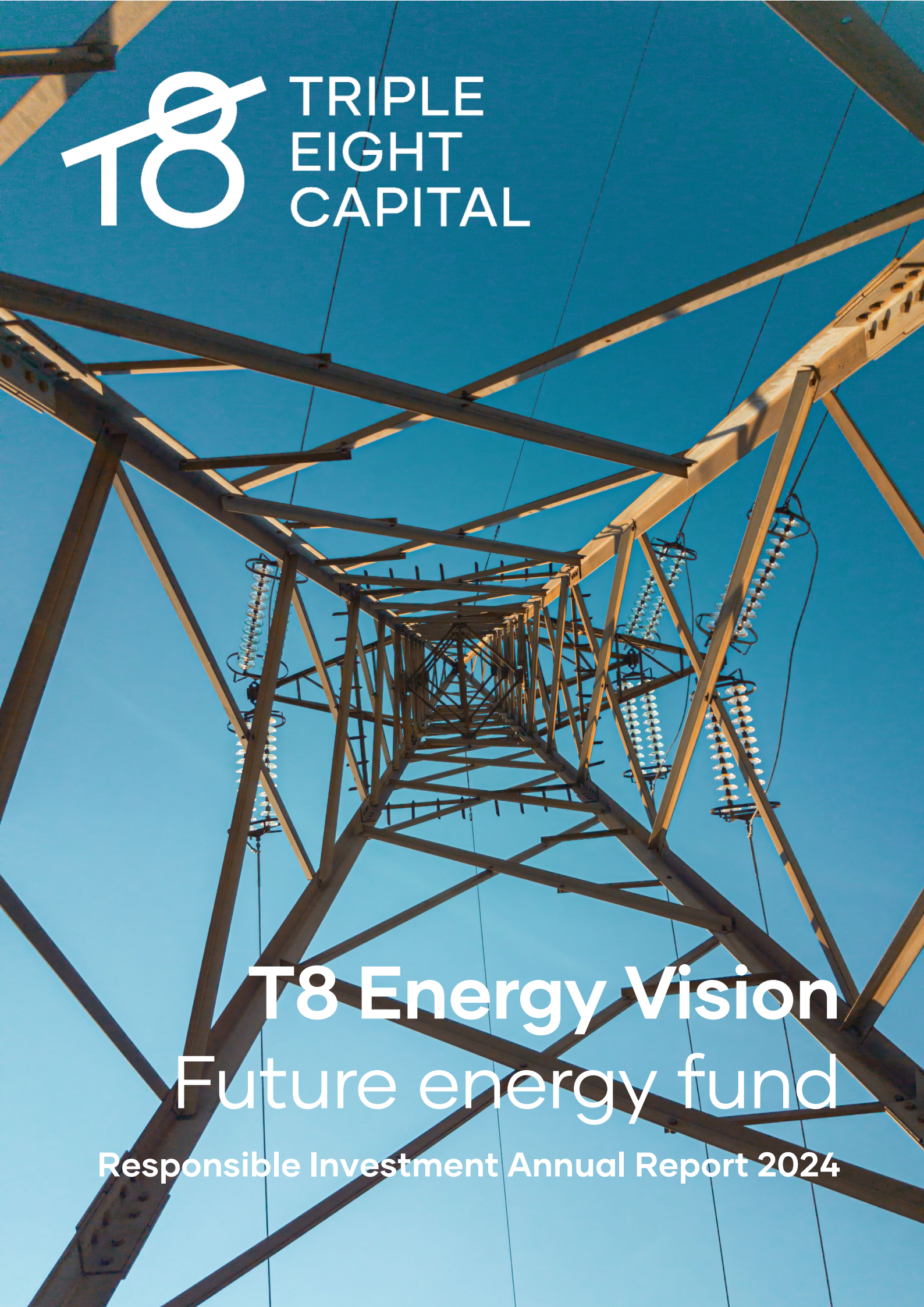

TRIPLE EIGHT CAPITAL

T8 Energy Vision

Future energy fund

Responsible Investment Annual Report 2024

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Letter from the Founder

Dear Investor,

It is with great pride that we present the T8 Energy Vision Responsible Investment Report for 2024. This marks our third annual report, reflecting our commitment to transparency, rigorous analysis, and responsible stewardship in the clean energy investment landscape.

At T8 Energy Vision, we remain steadfast in our mission—to identify, invest in, and manage a portfolio of publicly listed companies that are leading the global transition to sustainable energy. Our focus spans energy generation, grid infrastructure, critical materials, energy storage, electrification, and enabling technology — industries that are not only reshaping energy markets but also creating significant opportunities for investors.

In 2023, despite volatility in clean energy markets, we reinforced our investment process, deepened our engagement with companies, and expanded our industry partnerships. We take immense pride in being recognised as a Responsible Investment Leader by RIAA for the second consecutive year and being recognised by Australian Impact Investments. These acknowledgments reflect our unwavering commitment to investing in companies that will drive long-term transformation while generating strong financial returns.

We believe that capital flows dictate change. By directing investment into companies that are accelerating the energy transition, we play an active role in reshaping the global energy landscape. This report is a testament to our structured approach—integrating deep proprietary due diligence, advocating for stronger corporate responsibility, and maintaining transparency in every step of our investment process.

On behalf of Triple Eight Capital, I extend my deepest gratitude to our investors for their confidence and trust. We look forward to continuing this journey together, navigating the complexities of the energy transition, and unlocking what we believe to be a planet-sized opportunity.

Roscoe Widdup
Co-Managing Director
Triple Eight Capital

Executive summary

T8 Energy Vision is a global equities fund investing in companies contributing most and poised to benefit the most from the energy transition:

- energy generation;
- energy storage;
- electrification;
- enabling technology; and
- critical materials.

We aspire to have a positive impact on our world and to achieve this our investment approach focuses on enterprise influence — investing in companies that directly contribute to the energy transition — and investor influence, where we actively engage with companies to encourage more sustainable practices.

Despite significant challenges in 2023, including rising interest rates and geopolitical disruptions, we remain convinced that energy's fundamentals remain robust. Renewable energy, combined with storage, will soon become the cheapest form of baseload electricity, and electric vehicles will continue to gain market share due to their increasing cost advantages.

This report provides full transparency into our investment strategy, due diligence framework, and key portfolio metrics.

Highlights include:

Investment impact

Our investee companies collectively generated 202 terawatt hours of zero-emission electricity in 2023 — equivalent to three-quarters of Australia's annual power demand.

Portfolio companies produced over 4 million electric vehicles and 710,000 electric bikes and scooters.

Critical materials production included 1.9 million tonnes of aluminium, 208,000 tonnes of lithium, and 42,000 tonnes of rare earths.

Due diligence and stewardship

We conduct proprietary full-spectrum risk assessments, complemented by independent third-party risk ratings.

Engagement with 23 portfolio companies on sustainability issues, focusing on climate commitments, supply chain risks, and corporate governance.

46 shareholder meetings attended, with active proxy voting to promote sustainable business practices.

Outlook

While market conditions remain complex, we firmly believe that energy investment will be one of the most significant secular growth opportunities of our time.

We expect continued acceleration in zero emission energy adoption, electrification, and sustainable infrastructure investment.

T8 Energy Vision will remain at the forefront of this transition, providing investors with a well-positioned, actively managed portfolio to capture long-term value.

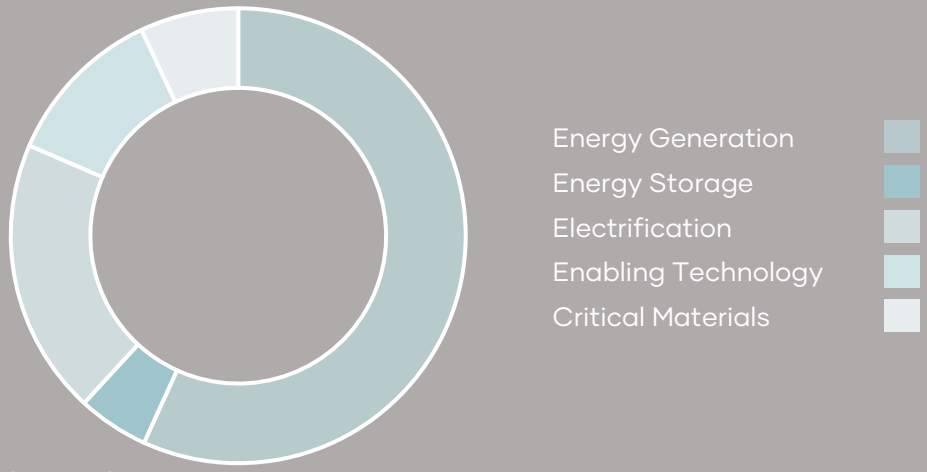
At T8, we see energy as the axis of the global economy. The energy transition is not just about alternatives to fossil fuels — it's about fundamentally rebuilding the global energy system from the ground up. In this transformation, we see unparalleled opportunity.

T8 Energy Vision by the numbers

Investee company contribution highlights during 2023
(This non-exhaustive list of contributions was estimated based on entire reported company output and assuming holdings of 31 December 2023 were held for all of 2023)

- Operations on six continents
- Contribution to 7 UN Sustainable Development Goals
- 202 terawatt hours of zero emission electricity (roughly three quarters of Australia's annual electricity demand)
- Over 4 million electric vehicles and over 710 thousand electric bikes and scooters manufactured
- Various solar equipment manufactured including panels (3.7 gigawatts), inverters (18.9 gigawatts) and axis tracking (15 gigawatts)
- 1,400 wind turbines installed
- 2.3 gigawatts of hydrogen electrolyser manufacturing capacity
- Production of critical materials including 1.9 million tonnes of aluminium, 208 thousand tonnes of lithium (lithium carbonate equivalent) and 42 thousand tonnes of rare earths

Figure 1 – Portfolio composition by theme as of 31 December 2023



Source: T8

Energy: We see the biggest transformation the world has ever seen.

We see how it will impact everything. From how we fuel the economy to the materials that we value.

The energy transition will impact every aspect of our life.

Table 1 – Key portfolio metrics for 2023

+17%	Portfolio emissions intensity (scope 1 and 2) compared to 2022
441	Tonnes of avoided CO_2 emissions (for every million US dollars invested in T8 Energy Vision – refer page 39)
100%	Assets in T8 Energy Vision portfolio managed under net zero framework and targets
41%	Companies with net zero commitments (based on fund holdings as at 31 December 2023)
6%	Companies with net zero targets approved by the Science Based Target Initiative (SBTi) (based on fund holdings as at 31 December 2023)
23	Direct company engagements
46	Investee company shareholder meetings voted

Source: T8

About T8

Philosophy

At T8, when we see energy, we see opportunity. We see the axis around which the global economy will turn. We see the engine of life itself. We see the biggest transformation. the world has ever seen. We see how it will impact everything. From how we fuel the economy to the materials that we value. How it will flow through every aspect of our life. We don't see clean energy as a commodity but as a full system change, a rebuild from the ground up. We see a planet sized opportunity.

About

T8 is a manager of unique investment products. T8 Energy Vision is our flagship fund. The investment strategy for this fund is very much centred around the following theory of change: The global transition to low carbon energy is gaining momentum. A successful transition will require not only the decarbonisations of our economy but also increased investment in a range of climate solutions that will facilitate that goal.

We are focused on these solutions – on investing in companies that have the capability to positively impact the world's reliance on traditional forms of energy and increase the adoption of cleaner, greener forms of energy.

Investors have the key role of financing, and ultimately profiting from the innovation and technology that the world needs to win the climate race. The current transition to a zero-carbon economy will provide some of the greatest investing opportunities in history.

At T8, we are focused on investing in companies that have the capacity to change the world.

Energy is the axis around which the global economy turns. Energy is the engine of life itself. We don't see clean energy as a commodity but as a full system change, a rebuild from the ground up. We see a planet sized opportunity.

Our team

Investment

Roscoe Widdup
Portfolio management

Tonya Payne
Research

Christopher Hayes
Portfolio management

Selva Freigedo
Research

Timothy McIntyre
Research

Advisory Board

Leigh Clifford AC
Engineering

Andrew Michelmore AO
Metallurgy

Erin Grover
Sustainability technology

Jim Askew
Critical minerals

Liza Maimone
Sustainability

Mark Harland
Consumer behaviour

Mark Preston
Energy technology

Industry technical analysts

Alex Zadnik
Engineering

Stuart Brown
Energy

Responsible investment oversight committee

Roscoe Widdup
Portfolio management

Tonya Payne
Research

Erin Grover
Sustainability technology

Georgia Widdup
Co-Managing Director

Liza Maimone
Sustainability

Rob Tandy
Responsible investment

Administration and operations

Georgia Widdup
Co-Managing Director

Martine Fraser
Financial Controller

Nicki Zehntner
Investor relations

Maddison Stewart-Rice
Accounting

Ian Brown
AI Process Innovation

Our associations

Signatory of:

Awards and recognition

In 2023 T8 was recognised as a 'Responsible Investment Leader 2023' by the Responsible Investment Association Australasia (RIAA). T8 has therefore been placed in the top 20% of organisations assessed, demonstrating:

- leading practice in our commitment to responsible investing;
- our explicit consideration of environmental, social and governance factors in investment decision making;
- our strong and collaborative stewardship; and
- our transparency in reporting activity, including the societal and environmental outcomes being achieved.

T8 Energy Vision

T8 Energy Vision is a global equities fund dedicated to investing in the biggest winners during the energy transition: clean energy – renewables, energy storage and electrification and associated value chains including critical materials. The present stage of evolution of this secular growth thematic means typical exposures are high-growth, small-mid cap, earlier stage companies. We target returns of greater than 20% over a rolling 3–5-year investment horizon with annualised volatility of 15-25%.

Within our investment themes (energy generation, energy storage, electrification, enabling technology and critical materials), we focus on 10 individual industry building blocks relevant to the theme. Each of the building blocks represents an industry that is critical to the goal of the investment theme (Table 2).

Table 2 – Building blocks, positive impacts and example holdings

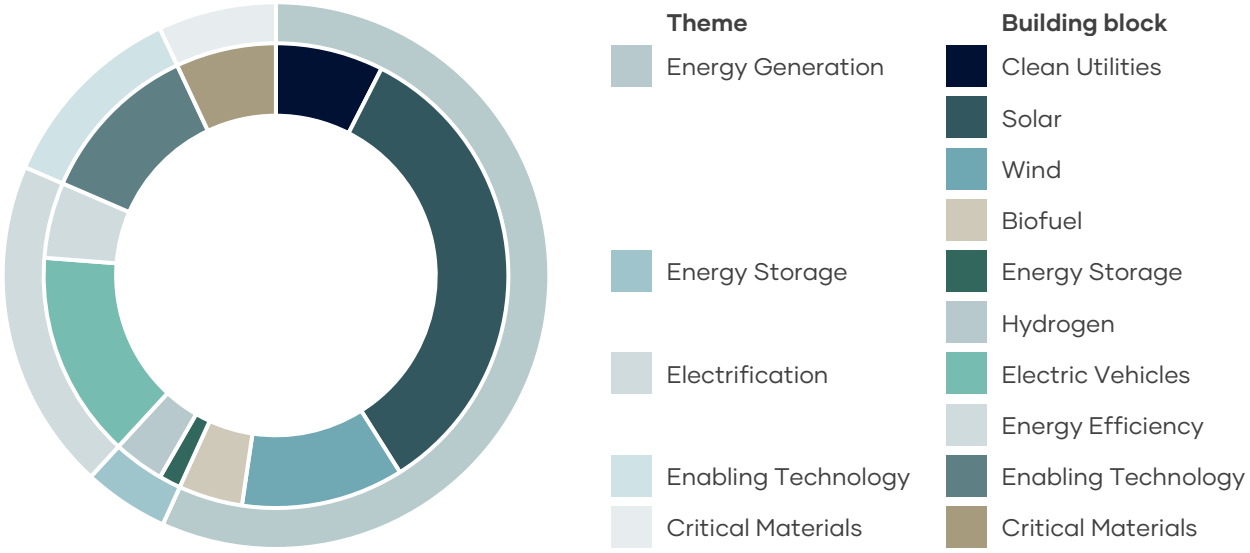
Building block	Example holdings	Impacts
Clean Utilities 	• NextEra Energy (NEE US) • Orsted (ORSTED DC) • China Longyuan Power (916 HK) • Encavis (ECV GY)	• Providers of large-scale renewable energy generation (e.g. utility-scale solar installations and wind farms), electricity distribution infrastructure and grid-scale energy storage
Solar 	• Enphase Energy (ENPH US) • Sunrun (RUN US) • Shoals Technologies (SHLS US) • Xinyi Solar (968 HK)	• Greater than 90% reduction of carbon emissions over entire life cycle compared to coal power • Average CO_2 equivalent emissions of 44g/kwh, with a CO_2 payback period of 4-8 months
Wind 	• Nordex (NDX1 GY) • TPI Composites (TPIC US)	• Greater than 97% reduction of carbon emissions over entire life cycle compared to coal power • Average CO_2 equivalent emissions of 11g/kwh, with a CO_2 payback period 5-9 months
Biofuel 	• Verbio (VBK GY) • Darling Ingredients (DAR US)	• Sustainable alternatives to gasoline and diesel, especially for aviation
Energy Storage 	• Stem (STEM US)	• Effective energy storage is a necessary contributor to making renewable energy base-load competitive

Building block	Example holdings	Impacts
Hydrogen 	• Nel (NEL NO) • Plug Power (PLUG US)	• Hydrogen produced using renewable energy is a versatile alternative zero-emission form of energy storage that can be readily transported and used as fuel for power or in industry as feedstock
Electric Vehicles 	• Tesla (TSLA US) • Niu Technologies (NIU US) • BYD (1211 HK) • ChargePoint (CHPT US) • Volkswagen (VOW GY) • Innoviz Technologies (INVZ US) • Nidec (6594 JP)	• EVs have 66%–69% lower lifecycle carbon emissions in Europe, 60%–68% in the United States, 37%–45% in China (EV lifecycle emissions are grid dependent) • Lower levels of transport-related air pollution. No fine particulate air pollution is emitted from EVs (approximately 40% of PM2.5 pollution in developed markets comes from conventional internal combustion engine vehicles. Fine particulate matter (PM2.5) can have significant impacts on human health)
Energy Efficiency 	• Signify (LIGHT NA)	• Varied and significant opportunities exist for energy efficiency gains that will result in reduced energy usage and therefore a reduction in carbon emissions • It is estimated that 66% of primary energy used to create electricity is wasted by the time the electricity reaches the end customer
Enabling Technology 	• Wolfspeed (WOLF US) • Infineon Technologies (IFX GY) • GlobalFoundries (GFS US) • Advanced Micro Devices (AMD US)	• A number of enabling technologies play a key role in facilitating the integration of renewable energy. For example, one of the most critical enabling technologies underpinning clean energy is microchips (due to the high intensity of use in clean energy technology)
Critical Materials 	• Alcoa (AA US) • Albemarle (ALB US) • MP Materials (MP US)	• Manufacturing of clean energy technology will require a significant increase in the supply of critical materials

Source: T8

The composition of the portfolio varies over time, however the following is a summary of the portfolio allocations across individual building blocks at the end of 2023.

Figure 2 – T8 Energy Vision building block allocations (as of 31 December 2023)

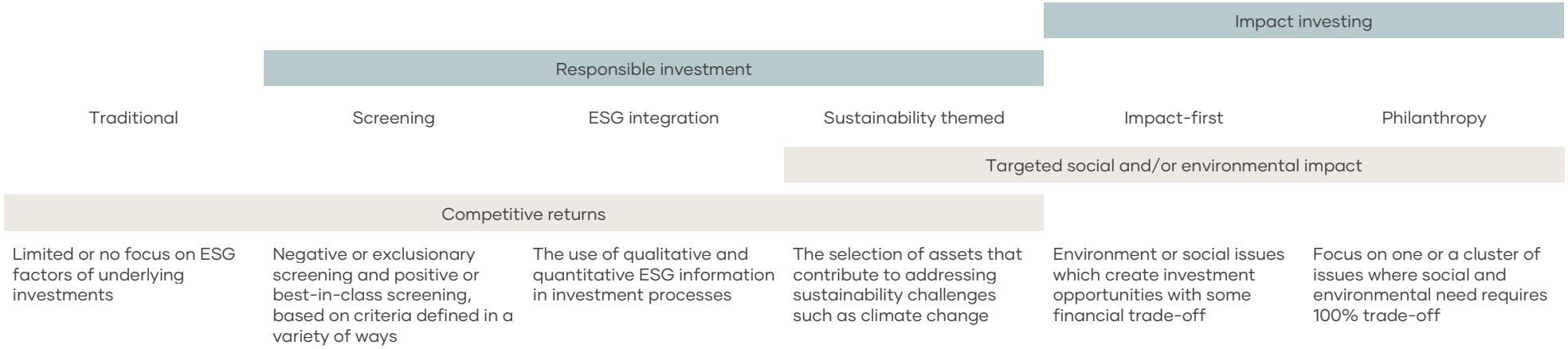


Source: T8

The responsible investment spectrum

Investing responsibly is at the heart of what we do. T8 Energy Vision sits in the **'sustainability themed'** investment category of the responsible investment spectrum on the basis of its dedication to investing in clean energy solutions.

Figure 3– The responsible investment spectrum



Source: UN PRI

How do we achieve a positive influence?

Traditional impact investing has been focused on investments in private markets where the individual contribution that an investor makes can be easily identified and measured. While we believe that all investments have an impact, we recognise the challenge of identifying and measuring the specific impact of an investment in public markets. For this reason and to avoid the suggestion that T8 Energy Vision is an 'impact fund', we have adopted the nomenclature of 'influence' rather than 'impact'.

We believe that T8 Energy Vision can achieve a positive influence on the basis of its:

1. **Dedicated investment theme (investing in clean energy solutions):** investing in those companies that can have a positive influence on the shift to cleaner forms of energy (the 'Enterprise Influence'); and
2. **Commitment to company engagement:** by influencing companies to increase their ambition and adopt improved operating processes from an environmental, social and governance perspective (our 'Investor Influence')

Enterprise influence (investing in the solutions)

At T8, we believe that capital flows have the power to drive change.

Our intention is to invest in companies whose activities make a positive contribution to the shift toward clean energy. Intentionality is embedded in our investment approach as investee companies are screened to ensure that they have a 'clean energy purpose' and are 'clean enough'. Companies that meet this threshold are, of their very nature, making a positive contribution to the United Nations (UN) Sustainable Development Goals (SDGs). In particular:

- SDG 7 – affordable and clean energy; and/or
- SDG 13 – climate action.

It is very difficult to empirically measure the 'impact' that any one company or investment has on the transition to cleaner forms of energy. While we have obviously contributed capital to companies that are contributing to the shift to cleaner forms of energy, the fact of the investment having been in a public market, means that it is not possible to credibly say that the investment contributes 'beyond what would otherwise have occurred'.

Investor (engagement) influence

At T8, we believe that we can achieve a positive influence as investors when we proactively engage with companies to advocate for improved:

- sustainability in their operating practices; and
- ESG disclosure and ambition.

We believe that we can achieve the greatest influence when we implement a clear process around our engagement with investee companies. To this end, we utilise the following structured process:

- using the due diligence process (and the 23 ESG Factors), we identify specific ESG risks or issues; and
- utilise these identified issues and risks as a focus for our company engagement. The focus of these meetings will depend on the individual circumstances. For example, in some circumstances we are seeking further information and context around a particular issue, in others we may be seeking a specific commitment or a change in relation to operating processes.

Later in the report we detail the various topics we have raised with companies during our engagements. While we cannot be sure that our engagements have achieved impact (we are only ever one voice amongst many), we believe that our engagement and advocacy on these issues is nevertheless a contributing factor to improved company policy and process and increased ambition. We maintain a register of company performance and progress on these issues.

SDG to measure enterprise influence

By focusing our investments on companies that are contributing to the clean energy evolution, our investment strategy can achieve an Enterprise Influence by making a positive contribution to several of the UN SDG's including:

- SDG 7 and 11 which directly relate to a company's key products and services in relation to clean energy (e.g. manufacturing solar equipment);
- SDG 5, 12, 13 and 16 which relate to how a company conducts itself (e.g. promotes diversity; good corporate governance; sustainable business practices); and
- SDG 9 which relates to the level of expenditure disclosed by a company in relation to technology research and development.

SDG to measure investor influence

By engaging with companies to advocate for improvements to operating practices, we believe our activities can achieve a positive investor influence by making a positive contribution to the following SDGs:

- SDG 5 – gender equality;
- SDG 13 – climate action; and
- SDG 16 - peace, justice and strong institutions (specifically sub-goal 16.6 related to effective, accountable and transparent institutions and 16.7 related to responsive, inclusive, participatory and representative decision-making) which relates to shareholder alignment.

By engaging with companies to advocate for improvements to operating practices, we believe our activities can achieve a positive investor influence

The landscape for clean energy in 2023

How have clean energy stocks performed?

Notwithstanding global acceptance as 'the next big thing', clean energy stocks have been crushed since their highs of early 2021 (as of 29 February 2024):

- Clean Energy Index -70%
- Utilities -60%
- Technology -85%

Why?

In broad terms, clean energy stocks have been under pressure as a result of rising interest rates combined with temporary cyclical and industry-specific fundamental factors (discussed below).

Clean energy is complicated by a range of basic misconceptions (discussed below) and technical complexity which creates temporary inefficiency in company stock prices.

Clean energy's recent challenges

Our research indicates that all of the following are temporary or cyclical factors. In most cases the factor has either reversed or is beginning to reverse:

- Rising interest rates
- Low market risk appetite
- Uncertain cost of capital
- Evolving regulatory environment (e.g. NEM 3.0)
- Geopolitical trade barriers (e.g. United States/China import tariffs)
- Supply chain issues (e.g. post-pandemic logjam, Red Sea disruptions, Panama Canal disruptions)
- Significant hedge fund shorting of clean energy stocks and indices
- Outflows from 'ESG' and sustainability focused funds
- Funding under the Inflation Reduction Act is not yet having a positive impact on company revenues
- Policy and political uncertainty

Basic misconceptions about clean energy

Our research indicates that the truth about clean energy is obscured by a number of fallacies. In fact:

- Renewables do not need zero interest rates in order to be economically viable
- Climate change mitigation is not the only, nor the main reason wind and solar is proliferating
- Investing in clean energy is attractive from a fundamental perspective and for 'ESG' reasons
- The 'energy transition' will be disruptive and will take time
- Secular growth thematics are not immune from cyclical forces

What is the catalyst to see clean energy rebound decisively?

Despite challenging stock prices and mixed sentiment, our research indicates that the key clean energy industries are in good shape and expected to continue growing at rapid rates in the short, medium and long-term. Renewable energy generation capacity is on track to be at least 3-4x larger by 2030 relative to today. Annual electric vehicle sales by 4-5x and installed stationary energy storage 10-20x. These growth rates are multiple times the rate at which global GDP (gross domestic product) is growing.

The 'pivot' from the United States Federal Reserve is likely to be a catalyst for an upward shift in risk appetite and the formation of macroeconomic tailwinds for interest rate sensitive industries such as clean energy.

T8 Energy Vision: 2023 updates

In 2023 we worked with the Investor Group for Climate Change (IGCC) and Net Zero Asset Managers Initiative to finalise develop our interim net zero targets. By signing up to this initiative, we have committed to a framework for addressing climate change and transitioning to a low-carbon economy through targeted actions, engagement with investee companies and reporting on progress. Our interim targets for 2030 were finalised in 2024.

We developed a relationship with the Oxford Institute for Energy Studies (OIES), a world leading, independent energy research institute. This relationship allows us to access nearly 100 world leading energy research professionals.

We continued to develop and adjust our pilot program that attempts to measure alignment of companies we invest in with the goals and sub-goals of the UN's Sustainable Development Goals as a way of measuring and tracking the positive outcomes that have been achieved because of our investments.

We are members of the Responsible Investment Association of Australia (RIAA). In both 2023 and 2024, T8 has been recognised by RIAA as a 'Responsible Investment Leader'.

We have also continued to iterate and improve our ESG risk assessment process. We have implemented a more granular five-point risk scale and further integrating the risks of cybersecurity and artificial intelligence into the risk assessment tool.

Investment beliefs

We accept the scientific evidence that shifts in global temperatures are, at least in part, due to human activities (primarily the burning of fossil fuels such as coal, oil, and gas).

We believe that the energy sector holds the key to averting the worst effects of climate change and that there needs to be complete transformation in the way that we produce, transport, and consume energy.

We believe that capital flows have the power to drive change. We can have a positive influence if we invest capital in those companies that have the capability to make a genuine contribution to this energy transformation.

We believe that integration of consideration of ESG risks into our investment process can lead to better informed investment decisions.

We believe that companies with higher ESG standards will have more sustainable business models and that by actively engaging with companies, we can encourage them to:

- Adopt improved operating processes (from an environmental, social and governance perspective); and
- Increase their ambition in respect of environmental, social and governance processes and procedures.

At T8, our energy vision is one of secure, abundant, low emission energy. We believe that will usher in a period of prosperity and unparalleled value creation.

While manufacturing a solar module is emissions intensive, it has an emissions 'payback' of 4-8 months

Investment process

We have a structured approach to incorporating ESG considerations throughout our investment process (Figure 4). This comprises the following four key pillars:

1. Filtering and screening – we have a structured screening process that not only narrows our investment universe but also ensures that all companies meet our proprietary 'clean energy purpose' and (clean enough screening criteria, refer below).
2. Research and evaluation – our experienced team performs comprehensive, bottom-up research. Included within this process is a robust evaluation of a company's processes and controls against a proprietary ESG 23 factor methodology.
3. Stewardship – we view company engagement as an integral part of our investment strategy. In addition to exercising our voting rights, we actively engage with companies to promote improved ESG standards and ambition.
4. Monitoring and reporting – we produce an annual ESG report, monthly financial reports, and periodic updates on various topics of interest. In addition, we also provide annual detailed disclosure of voting records and quarterly disclosure of fund holdings. We passionately believe in the importance of transparency around our investments and our engagements.

The climate crisis has made it abundantly clear that the world needs to urgently reduce greenhouse gas emissions.

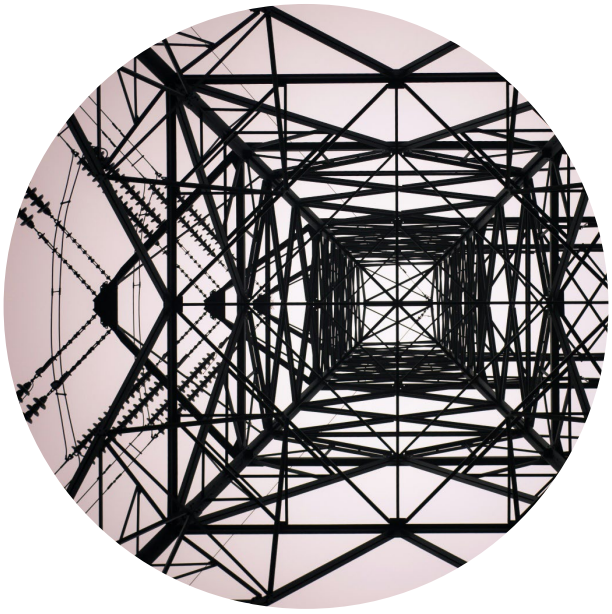


Figure 4 – Overview of the investment process

Filter

Proprietary universe and idea generation

Process steps:

- Universe identified using classifications, key words, index inclusion, etc
- Exclude illiquid, un-investible jurisdictions
- Proprietary industry classification
- Focus universe based on preliminary assessment of target characteristics
- High-priority watchlist based on preliminary valuation and preliminary risk assessment

Outputs:

- Universe
- Watchlist

Evaluate

Actionable, high-conviction investment insights

- Modelling of company operations and financial statements
- Insights from Advisory Board, OIES, company meetings
- Evaluation of target characteristics
- Thesis quality evaluation
- SDG contribution assessment
- Bottom-up, responsible investment and top-down risk assessments
- Valuation and 12-month target price

Outputs:

- Control sheet
- Investment process log
- Research meetings log

Construct

Concentrated best ideas portfolio

- Anticipated portfolio attributes indicated based on market risk and portfolio risk assessments
- Best ideas identified using universe coverage model
- Portfolio constructed using prescribed parameters with a mind to anticipated attributes
- All portfolio changes are approved by the Investment Committee

Outputs:

- Portfolio actions log

Monitor

Active, responsive risk management

- Intensive stock news flow monitoring
- Independent reviews based on draw-down management procedures
- Exception reporting against anticipated portfolio attributes and parameters
- Daily contribution and risk analysis
- Daily morning meetings, weekly portfolio review meetings
- Detailed monthly contribution and risk analysis
- All portfolio changes are approved by the Investment Committee
- Oversight Committee review

Outputs:

- Portfolio actions log

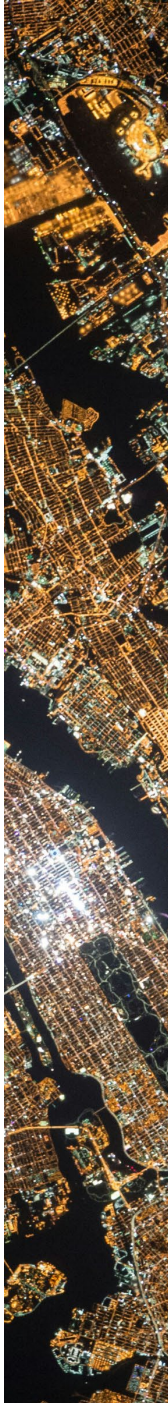
Report

Full transparency over process and outcomes

Outputs:

- Daily NAV and positions
- Weekly contribution and risk
- Detailed monthly reporting
- Monthly research insight
- Annual reporting of proprietary ESG ratings, voting at shareholder meetings, portfolio GHG emissions

Source: T8



Governance

In 2023 we enhanced T8's governance structures, increasing the level of fiduciary oversight. T8's corporate governance framework comprises:

- The Investment Committee which comprises senior members of the Investment Team together with the Chair of the Board of Triple Eight Capital Pty Ltd (also the Chair of the Advisory Board) as a non-voting observer. The committee leverages the collective experience of its members to make well informed investment decisions based on proprietary assessments of reward and risk in line with the investment process. Each voting member of the Investment Committee is empowered to veto investment decisions.
- The Advisory Board which provides deep industry insights and access to broader industry networks (as well as non-fiduciary oversight of the investment process). The Advisory Board receives weekly disclosures detailing performance; attribution; positioning; risk; as well as market and stock commentary. The Advisory Board is trained to be proactive and to respond to the weekly report when they have relevant insights or contacts which can be levered to further the investment team's research.
- The Responsible Investment Committee which provides non-fiduciary oversight over T8's responsible investment policy as well as T8's ESG strategy, due diligence, stewardship (including engagement) and reporting.
- Industry technical analysts which provide technical insights (e.g. engineering and scientific) to the investment team which ensures a sound technical basis for investment decision.
- The Board/Oversight Committee (of Triple Eight Capital Pty Ltd) which is the key oversight function within T8's corporate governance framework. The Oversight Committee meets on a quarterly basis and provides oversight over the governance of the investment process (as well as other aspects of the business which are not directly related to investment).

Pillar 1 – Filter and screening

We target an exclusion and inclusion approach when identifying the specific ESG characteristics of the companies that we invest in.

What we do not invest in – negative screens

As detailed in our responsible investment policy (publicly available on the T8 website), T8 Energy Vision's investment thesis, target universe and thematic focus is such that we will not have exposure to contentious sectors such as alcohol, gaming, weapons, tobacco, whaling, live animal exports or adult entertainment. We have a zero-tolerance approach to investing in coal mining.

What do we invest in – positive screens

We have developed a proprietary framework that enables us to screen companies to ensure that they have genuine 'clean energy intent' – this means that they:

1. have genuine 'clean energy purpose'; and
2. are 'clean enough'.

In practical terms, a company with a 'clean energy purpose' will, either produce clean energy (for example, an electricity or biofuels) or will produce a critical input into the value chain thereof (for example, solar panel manufacturing, or critical materials for manufacturing batteries). These are the companies that can have a positive impact on the energy revolution.

Companies that meet our requirements of a 'clean energy purpose' will then have to establish that they are 'clean enough' by meeting industry specific thresholds that we have developed. We continually review these thresholds to ensure that our investments are focussed on the companies with the greatest ability to contribute to the clean energy revolution. Companies that meet the requirements of having a clean energy intent are, of their very nature, making a positive contribution to the UN Sustainable Development Goals (in particular, SDG 7 – affordable and clean energy and/or SDG 13 – Climate Action).

Pillar 2 – Research and insights

At T8 we have an experienced team who are guided by a globally significant Advisory Board.

Our team performs comprehensive, bottom-up research on every company within our portfolio and broader watchlist. This research comprises three key components:

1. Bottom-up fundamental research;
2. Top-down market and macroeconomic research; and
3. ESG due diligence based on our 23-factor methodology.

While the first two are beyond the scope of this report, they broadly involve comprehensive, bottom-up research and analysis with an eventual goal of identifying companies with strong fundamental characteristics and a compelling catalyst to growth.

ESG due diligence and our 23-factor methodology

At T8 we believe that:

- proprietary ESG research can deliver unique insights;
- ESG integration can lead to better informed investment decisions; and
- well managed companies with robust ESG practices will, over the longer term, generate better performance than those with poor ESG practices.

We therefore believe that it is imperative that we develop a comprehensive understanding of the ESG risks inherent in the operating practices of each of the companies in which we are invested. We do this by:

- performing a comprehensive desktop review of the publicly available information of individual companies to, in the first instance, understand whether the company passed our clean energy screening process (Pillar 1); and
- we utilise our proprietary 23-factor methodology (Pillar 2) to guide our review of a company and identify any ESG risks and issues.

The results of our due diligence will guide our in-house ESG risk assessment with the eventual goal of producing an individual risk rating for every company. The risk rating guides the frequency of repeat assessments, and our approach to company engagements. To ensure consistency of risk assessment, the ESG risk ratings are standardised periodically. Companies with a standardised ESG risk of 'high' are added to our 'high priority monitoring' list. These companies are automatically included in the agenda of daily portfolio meetings. A higher priority is placed on monitoring the news flow on issues associated with these companies.

Of the ESG assessments completed in 2023:

- 26% were determined to have a high standardised ESG risk,
- 15% a medium-high standardised ESG risk,
- 26% a medium standardised ESG risk,
- 7% a medium-low standardised ESG risk and
- 4% a low standardised ESG risk.

Eight companies continue to be on our high priority monitoring list (inclusive of engage to impact companies). The companies on both our 'high priority monitoring' and 'engage to impact' lists, as well as a summary of the ESG assessments completed in 2023 are included in Appendix 2.

In addition to triggering more regular monitoring and review, a company's ESG risk rating is an input into the overall fundamental/bottom-up valuation of the company which in turn influences the position size of the company within the portfolio.

Although ESG rating and scoring systems are not directly comparable (since they utilise different methodologies and different criteria), as a further reasonableness check we compare our ESG risk assessment rating to other third party ESG ratings and scores. Appendix 3 compares the different ESG ratings for portfolio companies held on 31 December 2023. For example:

Table 3 – Example Comparison ESG ratings for Algonquin Power & Utilities (as of 31 December 2022)

T8 ESG Rating	Sustainalytics			MSCI	Bloomberg			
Overall (L-M-H)	Overall (100-0)	Exposure[1]	Management[2]	Overall (CCC-AAA)	E (0-10)	S (0-10)	G (0-10)	Overall (0-10)
Medium	21 Medium	Medium	Strong	AAA Leader	2.4	5.5	8.1	4.7

Source: T8, Sustainalytics, MSCI, Bloomberg

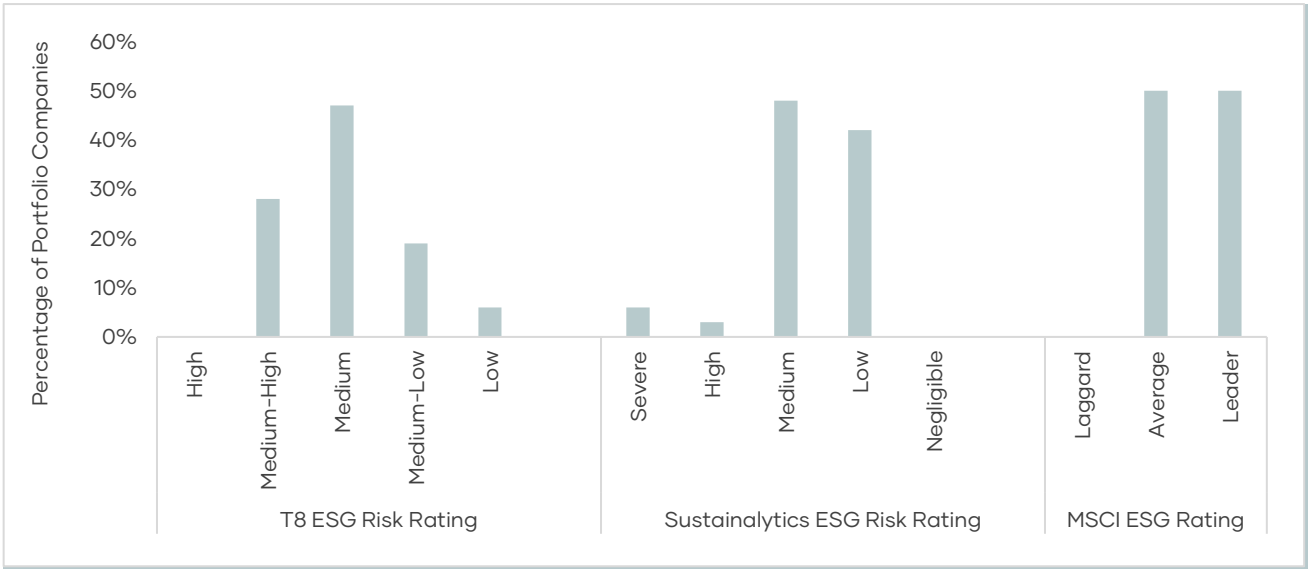
Footnote

[1] Extent to which a company is exposed to different material ESG issues.

[2] How well company is managing relevant ESG issues.

A comparison of how T8 Energy Vision portfolio companies held at the end of 2023 are rated by several ESG rating methodologies is outlined in Figure 5 below.

Figure 5 – Overview of comparison of ESG rating for T8 Energy Vision portfolio companies (as of 31 December 2023)



Source: T8

While third party assessments do not provide a granular level of detail that necessarily explains the rationale behind each company's ESG assessment, we look for instances where our view is significantly different to consensus, and this can flag further review/research. Notable areas of divergence in ESG ratings for portfolio companies include:

Xinyi Solar (968 HK)– Xinyi Solar is a Chinese based solar company with manufacturing operations in China and Malaysia. Both China and Malaysia are countries with higher risks of modern slavery.

Xinyi Solar's primary business is manufacturing specialised glass for photovoltaic solar panels. A smaller part of Xinyi Solar's business involves developing solar energy projects.

While Sustainalytics' ESG risk rating for the company is medium (with a medium-risk exposure), based on our detailed due diligence we determined an ESG risk rating of medium-high. This is largely due to the high risk of exposure to forced labour within the supply chain of its solar energy project development segment (we provide more detail in case study 2, within the '2023 company engagement highlights' section).

MP Material (MP US) - MP Materials is the largest producer of rare earth materials in the western hemisphere and currently accounts for approximately 15% of global supply. Rare earth elements are a critical raw material in the clean energy transition due to their use in a wide array of applications, including electric vehicles and wind turbines.

Sustainalytics ESG risk rating for the company is 'severe'. We acknowledge MP Materials faces a range of significant ESG risks which are associated with historic contamination, waste containment and water access. Our bottom-up assessment of MP Materials' ESG processes and controls, however identified innovations including implementation of a closed-loop tailings and concentrate dewatering method that enables recycled water to satisfy approximately 95% of water demand. Further, the disposal of dry tailings within lined impoundments minimises the risk of groundwater contamination. Following our ESG due diligence including direct engagement with the company we determined an ESG risk rating of 'medium-high'.

We note that MP Materials is a relatively young company (only founded in 2017), so benchmarking it to its wider extractive industry peers we have identified definite scope for improvement. These areas include ESG related disclosure and reporting as well as alignment with global responsible mining, tailings, and net zero standards.

Pillar 3 – Stewardship and engagement

At T8 we seek not only to understand the ESG practices of companies in which we invest but also to contribute to a meaningful discussion around the improvement of ESG policies, processes, and management practices. The entire T8 Advisory Board contributes to our thinking and approach in relation to this and we very firmly believe that, by influencing companies to improve their operating practices and procedures, we can achieve a positive social and environmental influence.

Proxy Voting

Central to our company engagement is T8 actively exercising ownership rights. Proxy Voting is a key part of our Stewardship strategy, and we exercise our right to vote at company meetings. Our approach to voting is detailed in our Responsible Investment Policy.

T8 undertakes proxy voting according to a sustainability, socially responsible and ESG aligned voting (SRI) policy that is consistent with the firm's sustainability focus and considers relevant laws, customs, and best practice codes of each market and region portfolio companies are listed in. Voting recommendations are made by the Investment Team and are supported by external proxy voting research. T8's current proxy voting research provider is ISS.

ISS's SRI Voting Guidelines are accessible via the following links:

- https://www.issgovernance.com/file/policy/active/specialty/SRI-US-Voting-Guidelines.pdf
- https://www.issgovernance.com/file/policy/active/specialty/SRI-International-Voting-Guidelines.pdf

Voting decisions typically follow these guidelines, however we may vote differently on items that we consider material to economic outcomes, longer-term value creation, shareholder alignment and more sustainable outcomes.

We continue to lodge votes ourselves at company meetings via the ISS proxy voting portal. Our goal is to vote at 100% of meetings that T8 Energy Vision is eligible to vote at. In 2023 we lodged voting instructions on the portal for 91% of these company meetings. We do however audit annually whether votes were ultimately lodged successfully with the company. Due to administrative problems with portal voting cut-off timings on the portal some votes lodged on portal were not successfully lodged with company. We were therefore only successful at voting 84% of company meetings. We have subsequently made changes to our processes to ensure that meet our goal of voting at 100% of meetings.

We disclose full details of the T8 Energy Vision's voting record annually on our website. A summary of these shareholder meeting and T8's assessment of proposals is outlined in Appendix 4 to this report.

In summary during 2023 we:

- reviewed 457 proposals from 46 company meetings (of these: 96% were proposed by management; and 4% were proposed by shareholders)
- voted in line with management 79% of the time
- voted in line with shareholder lead proposals 69% of the time.

Some of the most frequent concerns that prompted votes against management included:

- Lack of board diversity (voted against management in 54% of shareholder meetings)
- Problematic executive compensation (voted against management in 20% of shareholder meetings)
- Concerns regarding auditor independence related to length of audit tenure and high non-audit fees (voted against management in 20% of shareholder meetings)
- Concerns regarding classified board structures and supermajority voting requirements (voted against management in 9% of shareholder meetings)

Company Engagement

In addition to proxy voting, we consider that engagement with companies (both pre and post investment) is an important action for having a positive environmental and social influence. It is also critical to being a good steward of capital.

An active dialogue offers us the opportunity to discuss sustainability risks and opportunities with companies and provides them with insights into our expectations of corporate behaviour. In addition, it provides us with the

opportunity to raise issues identified during our due diligence process, (and, where appropriate, advocating for improved disclosure or changes to operating procedures).

We engage primarily through 1:1 meetings and review/record our ESG engagement activities and outcomes/effectiveness in an internally maintained database. We have identified three areas of priority that we raise as a matter of routine in company meetings:

- net zero commitments;
- shareholder alignment; and
- workforce rights and equality.

These three areas were chosen because we believe that they represent the biggest opportunity for overall improvement in our investment universe at the present time and that we will be able to advocate for and have a positive influence on.

While counterintuitive, the solutions to sustainably reducing global emissions is actually emissions intensive in the early phases

During 2023, T8 conducted 23 meetings with companies within Energy Vision's watchlist to discuss ESG issues. These meetings included companies based in the United States, Canada, Europe, China and South America. Five broad issues dominated our discussions with companies in 2023:

- Supply chain - Workforce supply chain risks were discussed at over 50% of meetings with investee companies. Environmental supply chain risks were discussed at over 50% of meetings with investee companies;
- Climate - Energy and emissions intensity (including net zero commitments) was discussed at over 80% of meetings with investee companies. Climate risk management was discussed at over 70% of meetings with investee companies;
- Environmental management systems and processes were discussed at just under 50% of meetings with investee companies; and
- Community management was discussed at over 40% of meetings with investee companies.

The increased manufacture of clean energy technologies such as wind turbines, solar panels and electric vehicle components will require a significant increase in the supply of critical raw materials

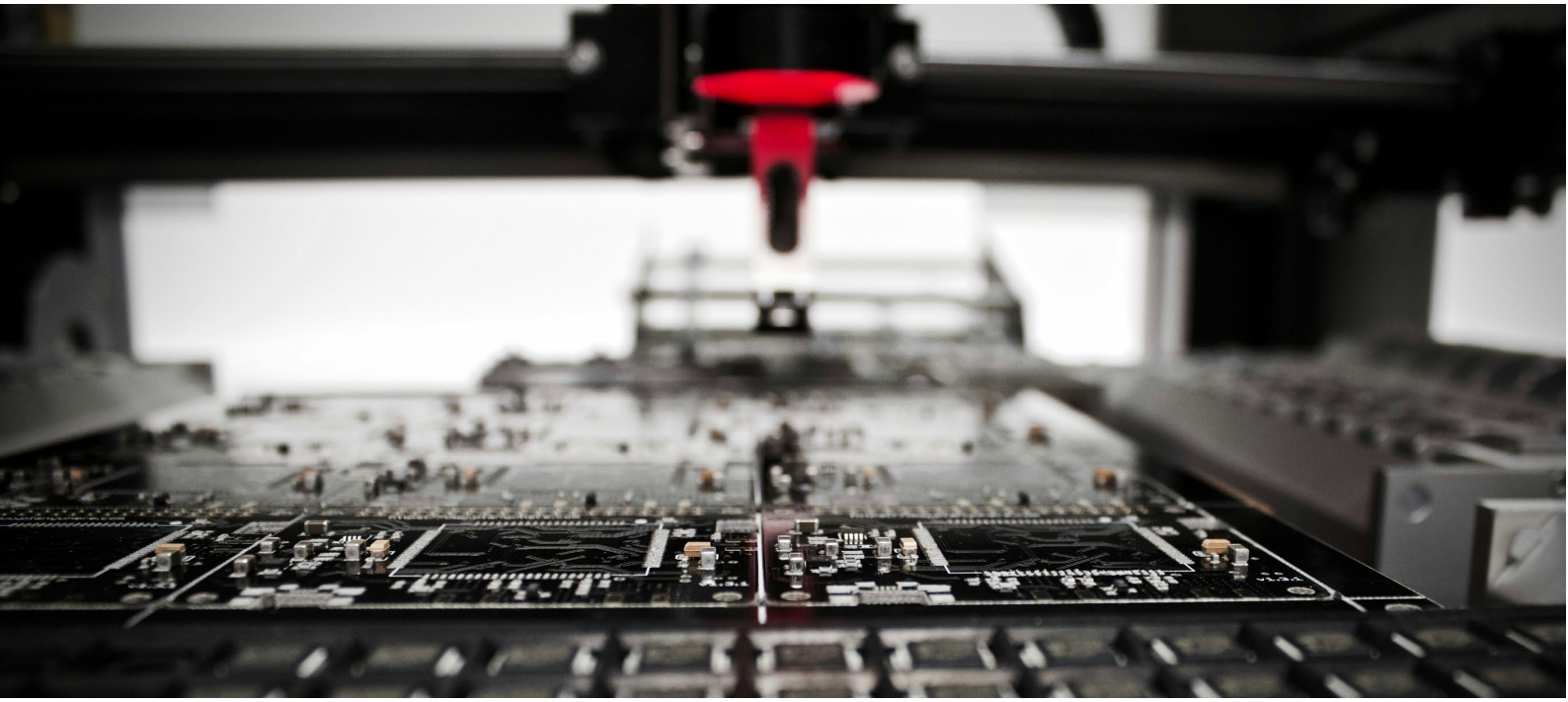
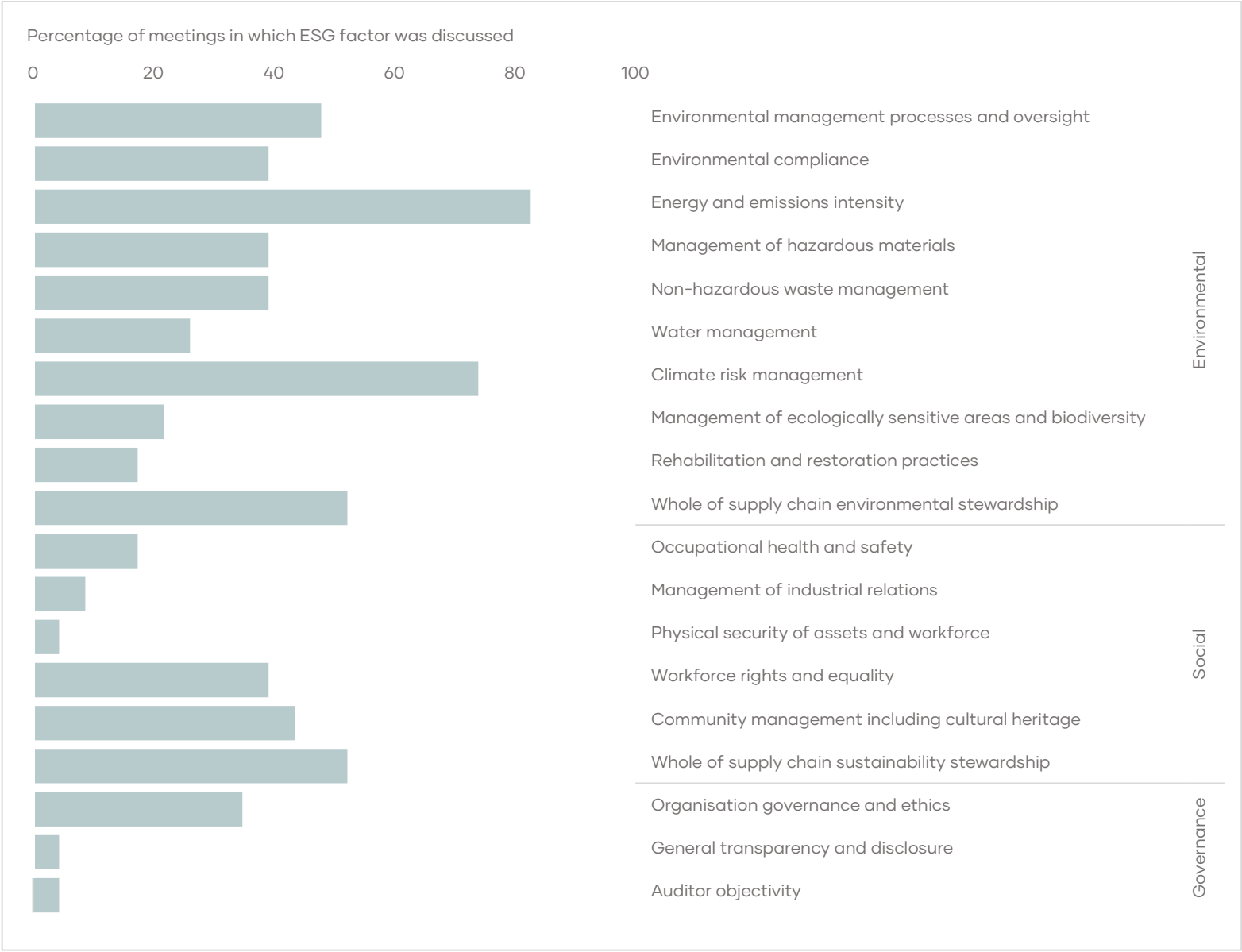


Figure 6 –Frequency of discussion of specific ESG factors in company meetings



Source: T8

A summary of the company meetings conducted in 2023 is included in Appendix 5.

In addition to these one-on-one meetings, T8 participated in company group calls, correspondence with companies on ESG issues and discussions with subject matter experts on issues including tailings disposal, modern slavery and biodiversity.

T8 is a signatory to a variety of different external initiatives, including:

- UN Principles of Responsible Investment (UN PRI);
- Investors Against Slavery and Trafficking Asia Pacific (IAST APAC) signatory;
- Net Zero Asset Managers Initiative;
- Climate Action 100+; and
- Responsible Investment Association of Australia (RIAA).

T8 is actively seeking collective engagement opportunities through our membership of IAST APAC, IGCC and PRI. We are also exploring collective engagement partnerships with other fund managers as a way of amplifying our voice.

T8 uses engagement as the first tool to drive ESG change. Where a company is not on track to meet our ESG performance and disclosure expectations, we may use other means (e.g. proxy voting) as part of our escalation process. Depending on the outcomes of engagement and escalation, this may have an impact on our investment, including divestment, decisions.

2023 company engagement highlights

Case Study 1

Freeport-McMoRan (FCX US) – Freeport is one of the world's largest copper producers. Copper is one of the critical materials required to enable the clean energy transition, due to its usage in the manufacture of solar, hydro, thermal and wind energy systems.

During early 2023 we finalised our submission to the company in relation to specific concerns regarding tailings disposal practices and rehabilitation planning.

This paper detailed our thesis and made recommendations around increased disclosure that would give us (and presumably other investors) comfort regarding actions being taken. This paper (can be provided upon request) was shared with the management team in early 2023. While it is not yet clear whether this engagement has precipitated any concrete changes within the company, we believe it to be an excellent example of engaging with companies in a constructive way.

Case Study 2

Xinyi Solar (916 HK) – Xinyi Solar is a Chinese based solar company with manufacturing operations in China and Malaysia. Both China and Malaysia are countries with higher risks of modern slavery.

Xinyi Solar's primary business is manufacturing specialised glass for photovoltaic solar panels.

Xinyi Solar also has an operating segment which develops solar energy projects. The solar equipment for these projects is sourced from various Chinese manufacturers. While the company has not publicly disclosed the suppliers of this equipment, following direct engagement with the company we understand that it procures equipment from the whole of the Chinese solar industry. Numerous Chinese solar industry participants have production facilities (especially polysilicon) in Xinjiang (an autonomous territory in northwest China). Xinjiang is associated with allegations that since 2017 the Chinese government has committed crimes against humanity in the region, including arbitrary detention, enforced disappearances, and cultural and religious persecution, and has subjected Uyghurs and other Turkic Muslim communities to forced labour inside and outside of the territory. It is therefore conceivable that some of these suppliers are linked to Xinjiang or have supply chains linked to Xinjiang (and therefore an elevated risk of exposure to forced labour). The Chinese government officially denies the use forced labour in the province.

We acknowledge that forced labour is a black and white issue. However, Xinyi Solar's situation has a range of elements (further complicated by language and cultural nuance) which make it impossible to conclude on a binary basis at this point in time. For these reasons, Xinyi Solar is subjected to our highest intensity monitoring.

We have met with Xinyi Solar representatives several times and communicated our expectations regarding more detailed supplier ESG risk management including auditing/verification processes. We have also engaged with outside experts on the complex issue of modern slavery particularly companies with supplier links to Xinjiang. We continue to evaluate the likelihood of being able to successfully influence the company in the next few years or whether we proceed with divestment.

Pillar 4 - Reporting

We firmly believe in the importance of recording and reporting transparently on our work and our achievements. We produce a monthly letter to investors that provides details on the financial performance of T8 Energy Vision together with an ESG dashboard.

In addition, we publish on our website detailed voting records on an annual basis and T8 Energy Vision's holdings on a quarterly basis.

We publish an annual combined responsible investment and emissions report to provide evidence of the positive environmental and social contributions that have been achieved as a result of investments made by T8 Energy Vision.

Despite the initial emissions intensity in the manufacturing process, clean energy technologies have small overall lifecycle emissions compared to fossil fuel based alternatives

Climate and carbon emissions

Net Zero Asset Managers Initiative

By joining NZAM, we pledged to make our own commitments to move our portfolios towards a net zero greenhouse gas emissions world.

T8 Capital joined the Net Zero Asset Managers initiative to support the global goal of net zero emissions by 2050 or sooner. In line with this commitment, T8 Capital has set a combination of portfolio- and asset-level targets to support the decarbonisation of its investee companies:

- **2030 Decarbonisation Target:** By 2030, T8 Capital are committed to reducing the emissions intensity (Scopes 1 and 2 tCO_2e /$m revenue) of their portfolio by 45% from 2019 levels; and
- **2025 and 2030 Asset Alignment and Engagement Targets:** To help achieve this reduction in emissions intensity, T8 Capital aims to improve the net zero alignment of companies in their portfolio against the alignment criteria in the Net Zero Investment Framework (version 1). These criteria include considerations such as the company's climate targets, emissions performance, decarbonisation plan and asset allocation. By 2030, we aim for 80% of portfolio companies to classify as net zero, aligned or aligning. Complementary to this, T8 Capital have set a target to be engaging with 100% of investee companies yet to classify as net zero or aligned by 2025.

Together, these three targets work to holistically help reduce physical emissions in the real economy – and not only the emissions attributable to our portfolio (financed emissions). Further details on our net zero targets can be found on the NZAM website (https://www.netzeroassetmanagers.org/signatories/triple-eight-capital/) and on our website (https://t8cap.com/t8-net-zero-commitment).

Through this annual report we provide information on our climate and carbon related metrics and corporate engagements as we work to measure our progress in achieving our interim and long-term targets.

Life cycle emissions: real world versus portfolio decarbonisation

Getting to net zero starts with measuring where we are at today. Companies measure, calculate and report on their organisation's carbon footprint by quantifying the total amount of greenhouse gas (GHG) emissions the organisation produces, whether directly or indirectly.

T8's approach has three key elements:

1. Stewardship – Engaging with companies to advocate for net zero commitments and associated carbon emission targets is a key part of our strategy for achieving the objective of decarbonising investment portfolios.
2. Investing in the solutions – The other element of cleaner energy future is investment in companies that are part of the solution. While not always immediately attractive from an emissions intensity perspective, there will be no clean energy future unless considerable investment is made into both the technologies and the supply chains that will facilitate this future.
3. Reporting - T8 strongly supports adoption of Task Force on Climate-related Financial Disclosures (TCFD) reporting and methodology standard for climate relevant metrics (such as emissions reporting) as this helps to drive consistency across the industry.

We also believe that there is a very real distinction between achieving net zero in the real world versus net zero within a portfolio.

A portfolio can relatively easily reduce its carbon intensity by reducing or eliminating exposure to carbon intensive sectors. While achieving reductions in the carbon intensity of companies is clearly important, this approach – in isolation - will not ultimately lead to a net zero future.

The transition to a net zero economy is a case study in sustainability trade-offs, requiring both the rapid decarbonisation of industries and companies as well as a significant increase in investment in clean energy solutions. The increased manufacture of clean energy technologies such as wind turbines, solar panels, and electric vehicle components will also require a significant increase in the supply of critical materials such as copper, silver, aluminium, and lithium.

Although critical to facilitating the clean energy transition, both the critical materials and clean energy industries have high scope 1 and 2 emissions due to the energy intensive nature of the production process.

We therefore believe that while it is important to measure the carbon emissions metrics of individual companies and investment portfolios (and we have done so in this report), it is also important that investors are mindful of the lifecycle of emissions and have a genuine commitment to investing in companies that can facilitate the transition to clean energy solutions.

T8 Energy Vision's scope 1, 2 and 3 emissions

In addition to investing in the solutions, we also support the reduction in carbon emissions in the companies in which we invest. Getting to net zero starts with measuring (and tracking) where we are today. Companies measure, calculate and report on their organisation's total carbon footprint by quantifying the total amount of GHG the organisation produces, whether directly or indirectly.

The Greenhouse Gas Protocol provides standards on this process and has defined three main categories of GHG emissions:

Scope 1

- Company operated facilities and vehicles

Scope 2

- Purchased electricity, steam, heating and cooling for own use

Scope 3 (upstream)

- Employee commuting
- Waste generated in operations
- Fuel and energy related activities
- Purchased goods and services
- Leased assets
- Business travel
- Transportation and distribution
- Capital goods

Scope 3 (downstream)

- Franchises
- End-of-life treatment of sold products
- Processing of sold products
- Transportation and distribution
- Investments
- Leased assets
- Use of sold products

Carbon metrics can be used to provide investors with a more holistic understanding of their exposure to climate risks and opportunities. By understanding the emissions profile of their investment portfolio, investors can make informed decisions regarding allocation of capital.

Most portfolio companies are able to report scope 1 and 2 emissions with a reasonable degree of accuracy. Due to the need for supplier and product use emissions data, scope 3 data are less reliable. While acknowledging these limitations, we have included scope 3 data for our portfolio companies in this report.

We have sourced portfolio company scope 1, 2 and 3 emissions from a highly regarded, specialist external data provider (ISS). ISS review and interrogate company reported emissions data which enables us to have a high level of confidence in reported data.

Details of where ISS has sourced carbon emissions data from is detailed in Appendix 8.

In our review of the ISS data we identified one outlier, Wolfspeed (WOLF US), with significantly larger reported scope 3 emissions than its peers (even those peers with significantly larger businesses operations). We identified that the reason for this is that WOLF is among the first companies within our universe to report category 11 emissions ('use of sold products') under its scope 3 emissions. While this is a positive in terms of disclosure, we elected to exclude category 11 emissions for the time being on the basis that including them would have resulted in our portfolio's emissions data not being directly comparable. For example, WOLF's scope 3 emissions of 300,920,068 tonnes of CO2e included 299,400,000 tonnes of CO2e associated with Category 11 emissions ('use of sold products'). Including this data resulted in WOLF's emissions being 140 times greater than those of Infineon Technologies (IFX GY) notwithstanding the latter being a significantly larger company and emitter, generating nearly 20 times as much revenue. For this reason, we have chosen to report this data as a separate line item.

In reporting on portfolio GHG emissions (Tables 4 and 5), we utilise three categories of climate related disclosures (refer to Appendix 8 for detail of how these metrics are calculated):

- Total GHG emissions;
- Carbon footprint; and
- Emissions intensity.

Table 4 – Summary of T8 Energy Vision 2023 GHG emission metrics

Metric	T8 Energy Vision	Purpose of metric
Total GHG emissions	**2023** Scope 1 and 2: 1,064 tCO_2e Scope 3: 10,828 tCO_2e **2022** Scope 1 and 2: 1,646 tCO_2e Scope 3: 9,656 tCO_2e **2021** Scope 1 and 2: 1,092 tCO_2e Scope 3: 8,019 tCO_2e	Total GHG emissions aggregates the proportional amount of each portfolio company's emissions (proportional to the amount of stock held).
Carbon footprint	**2023 Scope 1 and 2** 112tCO_2e/US$1 million invested **2022** 126tCO_2e/US$1 million invested **2021** 98tCO_2e/US$1 million invested	Carbon footprint measures the emissions intensity of an investment rather than total carbon emissions. It is the calculation of the tonnes of CO_2 emitted per US$1m invested, aggregated using the percentage weight of the holding within T8 Energy Vision.
Emissions intensity	**2023 Scope 1 and 2** 310tCO_2e/US$1 million of revenue **2022** 264tCO_2e/US$1 million of revenue **2021** 363tCO_2e/US$1 million of revenue	Weighted average carbon emissions intensity (WACI) measures the emissions intensity of a company rather than total carbon emissions. It is the calculation of the tonnes of CO_2 emitted per US$1m of company sales, aggregates using the percentage weight of the holding within T8 Energy Vision.

Source: ISS

Footnote

This data is based on portfolio weights as at 31 December 2023. Due to company reporting schedules, there may be a 12-month lag in the carbon emissions data provided by ISS. Revenue and estimated GHG emissions relate to the 2023 calendar year. For calculation purposes, total GHG emissions have been estimated assuming that holdings on 31 December 2023 were held for all of 2023 (due to factors such as the natural drift of position weights and active portfolio management, portfolio weights will not remain the same). The dynamic nature of portfolio weights means that emissions calculated at two different points in time is likely to vary.

As identified in Table 4, total emissions have decreased relative to 2022. This is the result of the decline in T8 Energy Vision's assets under management in line with performance (approximately 27%) from 2022 to 2023 combined with lower magnitude of exposure to segments with high emissions intensity electric utilities (13.1% in 2023 relative to 15.8% in 2022) and materials (7.0% in 2023 relative to 12.1% in 2022).

The emissions intensity (WACI) has increased over the same period which is a result of a decrease in revenue of many of the companies rather than a significant increase in the total carbon emissions of the company.

In our review of the ISS data we identified one outlier, Wolfspeed (WOLF US), with significantly larger reported scope 3 emissions than its peers (even those peers with significantly larger businesses operations). We identified that the reason for this is that WOLF is among the first companies within our universe to report category 11 emissions ('use of sold products') under its scope 3 emissions. While this is a positive in terms of disclosure, we elected to exclude category 11 emissions for the time being on the basis that including them would have resulted in our portfolio's emissions data not being directly comparable. For example, WOLF's scope 3 emissions of 300,920,068 tonnes of CO2e included 299,400,000 tonnes of CO2e associated with Category 11 emissions ('use of sold products'). Including this data resulted in WOLF's emissions being 140 times greater than those of Infineon Technologies (IFX GY) notwithstanding the latter being a significantly larger company and emitter, generating nearly 20 times as much revenue. For this reason, we have chosen to report this data as a separate line item.

These metrics are useful tools as they enable us to track the carbon footprint of the portfolio. There are however some obvious limitations in making like for like comparisons between investment portfolios given the differing sectors that investments focus on and the dynamic nature of portfolio holdings. Table 5 breaks down total portfolio emissions based on a snapshot of Energy Vision portfolio holdings on 31 December 2023.

Table 5 - Summary of T8 Energy Vision 2023 total GHG emissions

	Total GHG emissions		Scope 1 and 2 per US$1m	
tCO_2e	Scope 1 and 2	Scope 3	invested	of revenue
Building block				
Solar	142	2,574	14.9	31
Wind	119	2,292	12.6	56
Hydrogen	3	460	0.3	1
Energy Storage	1	103	0.1	0
Electric Vehicles	39	2,095	4.1	10
Energy Efficiency	11	887	1.2	1
Enabling Technology	42	150	4.4	27
Clean Utilities	122	9	12.8	110
Biofuel	63	949	6.6	9
Critical Materials	522	1,309	55.0	66
Total	**1,064**	**10,828**	**112**	**310**

Source: ISS

Footnote

This data is based on portfolio weights as at 31 December 2023. Due to company reporting schedules, there may be a 12-month lag in the carbon emissions data provided by ISS. Revenue and estimated GHG emissions relate to the 2023 calendar year. For calculation purposes, total GHG emissions have been estimated assuming that holdings on 31 December 2023 were held for all of 2023 (due to factors such as the natural drift of position weights and active portfolio management, portfolio weights will not remain the same). The dynamic nature of portfolio weights means that emissions calculated at two different points in time is likely to vary.

For context we have contrasted the portfolio's WACI to the intensities of two whole of market indices, the conventional energy sector as well the Clean Energy Index that we have developed.

In our review of the ISS data we identified one outlier, Wolfspeed (WOLF US), with significantly larger reported scope 3 emissions than its peers (even those peers with significantly larger businesses operations). We identified that the reason for this is that WOLF is among the first companies within our universe to report category 11 emissions ('use of sold products') under its scope 3 emissions. While this is a positive in terms of disclosure, we elected to exclude category 11 emissions for the time being on the basis that including them would have resulted in our portfolio's emissions data not being directly comparable. For example, WOLF's scope 3 emissions of 300,920,068 tonnes of CO2e included 299,400,000 tonnes of CO2e associated with Category 11 emissions ('use of sold products'). Including this data resulted in WOLF's emissions being 140 times greater than those of Infineon Technologies (IFX GY) notwithstanding the latter being a significantly larger company and emitter, generating nearly 20 times as much revenue. For this reason, we have chosen to report this data as a separate line item.

Benchmarking to whole-of-market indices

MSCI World Index

The MSCI World Index is the industry benchmark for global equities and we use this to benchmark our investment performance. It is an index of over 1,500 large and mid-cap companies listed in 23 developed market countries. The index is approximately weighted 69% to companies listed in the United States and typically consists of 21% information technology; 14% healthcare; 14% financials; and 10% consumer discretionary. Energy is less than 6% of the index. While we estimate that emissions intensive sectors (such as energy, materials, utilities and transportation) are less than 15% of the index, greater than 90% of GHG emissions from listed equities come from these sectors.

As illustrated in Table 5, a significant proportion of the T8 Energy Vision portfolio is invested in energy intensive sectors on the basis that investing in clean energy solutions and decarbonising these sectors is fundamental to reaching the goal of net zero. T8 Energy Vision is therefore more emissions intensive than the MSCI World because a majority of the MSCI World exposures are to very low emissions intensity sectors such as information technology, healthcare and financials.

ASX200 Index

The ASX200 Index is another whole of market index commonly used by Australian investors. Its emissions intensity is higher than the MSCI World on the basis of larger weightings to energy, materials and utilities.

Benchmarking to other clean energy companies

The disparity between the sector weightings of these whole of market indices and T8 Energy Vision, make these indices imperfect benchmarks for the emissions profile of the portfolio. We have therefore developed a Clean Energy Index which comprises equal weightings to the S&P Global Clean Energy Net Total Return Index and Wilderhill Clean Energy Net Total Return Index. The Clean Energy Index is intended to give an indication of the emissions intensity of a universe of diversified clean energy stocks.

T8 Energy Vision is more concentrated in terms of position sizes than the Clean Energy Index. At 31 December 2023, the positions in Alcoa (AA US) in critical materials, NextEra Energy (NEE US) and China Longyuan Power (916 HK) in clean utilities and Xinyi Solar (968 HK) in the solar sector were the key contributors to T8 Energy Vision's emissions intensity (scope 1 and 2) exceeding the Clean Energy Index.

Comparing clean energy to conventional energy

Also for comparison purposes we have contrasted T8 Energy Vision's emissions intensity with several elements of the conventional energy sector:

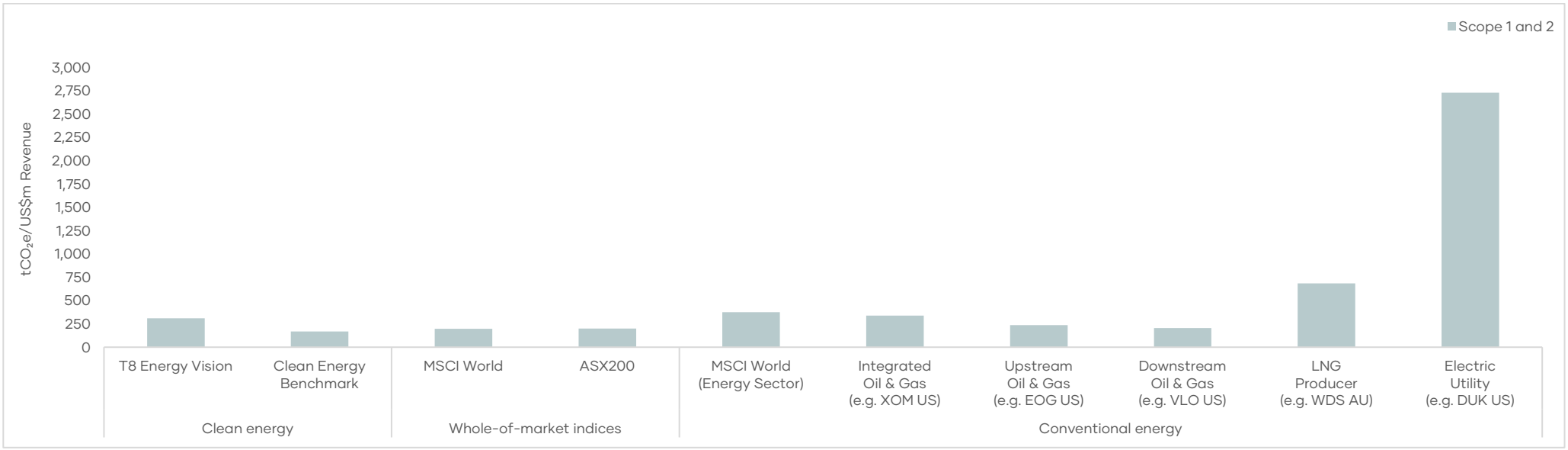
- MSCI World Index (Energy Sector) – the emissions intensity of companies which have been classified as belonging to the energy sector within the MSCI World Index.
- Integrated Oil & Gas (e.g. XOM US) – companies which are vertically integrated from exploration and production of oil and gas to refining, marketing and distribution of petroleum products.
- Upstream Oil & Gas (e.g. EOG US) – companies which specialise in the exploration and production segment of the oil and gas industry.
- Downstream Oil & Gas (e.g. VLO US) – companies which specialise in the refining of oil.
- LNG Producer (e.g. WDS AU) – companies which specialise in the exploration and production of natural gas as well as its conversion into liquefied natural gas allowing it to be transported by ship to customers.
- Conventional Electric Utility (e.g. DUK US) – companies which generate and distribute electricity from a majority of emissions-intensive sources.

Conventional energy is extremely emissions intensive, accounting for roughly 70% of global GHG emissions. Replacing the energy source of typical fossil-fuel based electricity generation and petroleum-based transportation with renewables and batteries is also emissions intensive on the basis that a considerable amount of capital stock must be replaced and this is emissions intensive. This however does not take into account the emissions over the whole lifecycle of both competing forms of energy.

The lifecycle emissions from clean energy is materially lower. For example, manufacturing a solar module is emissions intensive but according to the IEA it has an emissions 'payback' of 4-8 months whereby the greenhouse gasses emitted manufacturing the equipment have been surpassed by the emissions of operating the typical fossil-fuel electricity generation infrastructure after this period (once a solar panel has been installed it doesn't generate emissions).

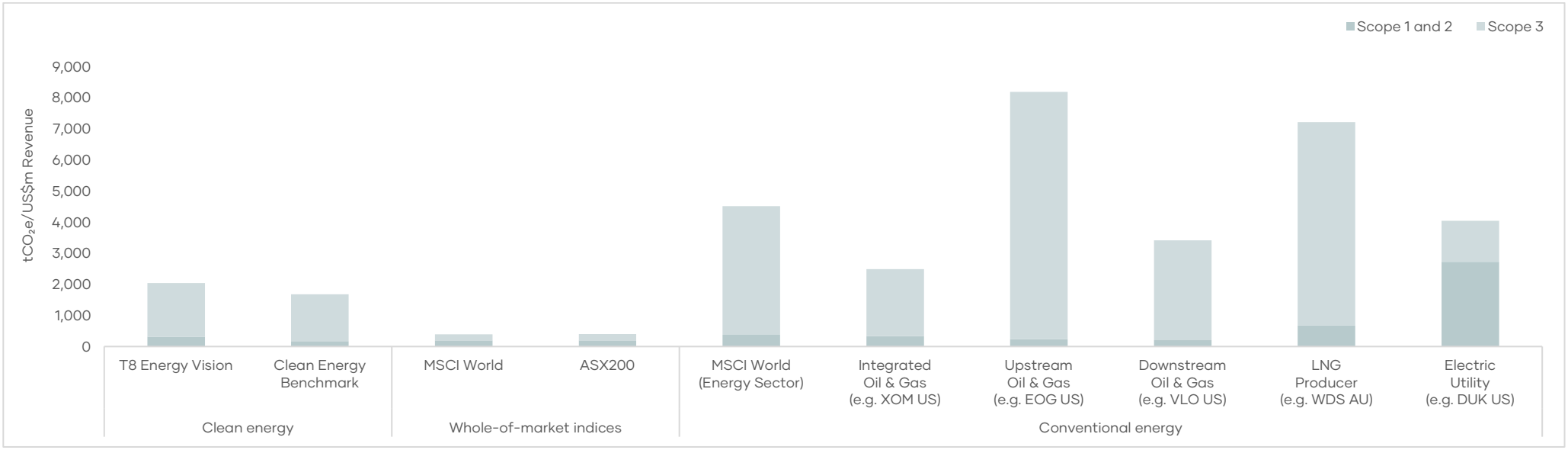
The transition to the net zero economy is a case study in sustainability trade-offs, requiring both the rapid decarbonisation of industries and companies, as well as a significant increase in investment in clean energy solutions needed to enable this decarbonisation

Figure 7 – WACI (scope 1 and 2)



Source: ISS, T8 estimates

Figure 8 – WACI (scope 1, 2 and 3)



Source: ISS, T8 estimates

Footnote

This data is based on portfolio weights as of 31 December 2023. Due to company reporting schedules, there may be a 12-month lag in the carbon emissions data provided by ISS. Revenue and estimated GHG emissions relate to the 2023 calendar year. For calculation purposes, total GHG emissions have been estimated assuming that holdings on 31 December 2022 were held for all of 2023 (due to factors such as the natural drift of position weights and active portfolio management, portfolio weights will not remain the same). The dynamic nature of portfolio weights means that emissions calculated at two different points in time is likely to vary.

In our review of the ISS data we identified one outlier, Wolfspeed (WOLF US), with significantly larger reported scope 3 emissions than its peers (even those peers with significantly larger businesses operations). We identified that the reason for this is that WOLF is among the first companies within our universe to report category 11 emissions ('use of sold products') under its scope 3 emissions. While this is a positive in terms of disclosure, we elected to exclude category 11 emissions for the time being on the basis that including them would have resulted in our portfolio's emissions data not being directly comparable.

For example, WOLF's scope 3 emissions of 300,920,068 tonnes of CO2e included 299,400,000 tonnes of CO2e associated with Category 11 emissions ('use of sold products'). Including this data resulted in WOLF's emissions being 140 times greater than those of Infineon Technologies (IFX GY) notwithstanding the latter being a significantly larger company and emitter, generating nearly 20 times as much revenue. For this reason, we have chosen to report this data as a separate line item.

Case Study: Critical Materials

The manufacture of solar photovoltaic plants, wind farms and electric vehicles requires significantly more critical materials such as copper, silver, lithium and aluminium than conventional energy technologies. The IEA has estimated that to achieve net-zero globally by 2050, a six-fold increase in critical materials inputs would be required by 2040 (compared to 2020).

T8 Energy Vision has several critical materials companies within our investment universe. To meet our 'clean intent' and 'clean enough' criteria, the material must be a critical input in the supply chain of clean energy. Of the top 100 global producers of metals, fewer than 10 pass our initial clean energy intent and clean enough assessments. All coal mining is excluded.

One of our portfolio positions at the end of 2023 was Alcoa, a global aluminium company. Aluminium is a substitute for copper in some electrical applications and can be used as a lightweight alternative to steel (which is critical in transportation to maximise energy efficiency). This is especially important in electric vehicles because the range of current battery technology is less than that of the gasoline-powered equivalent.

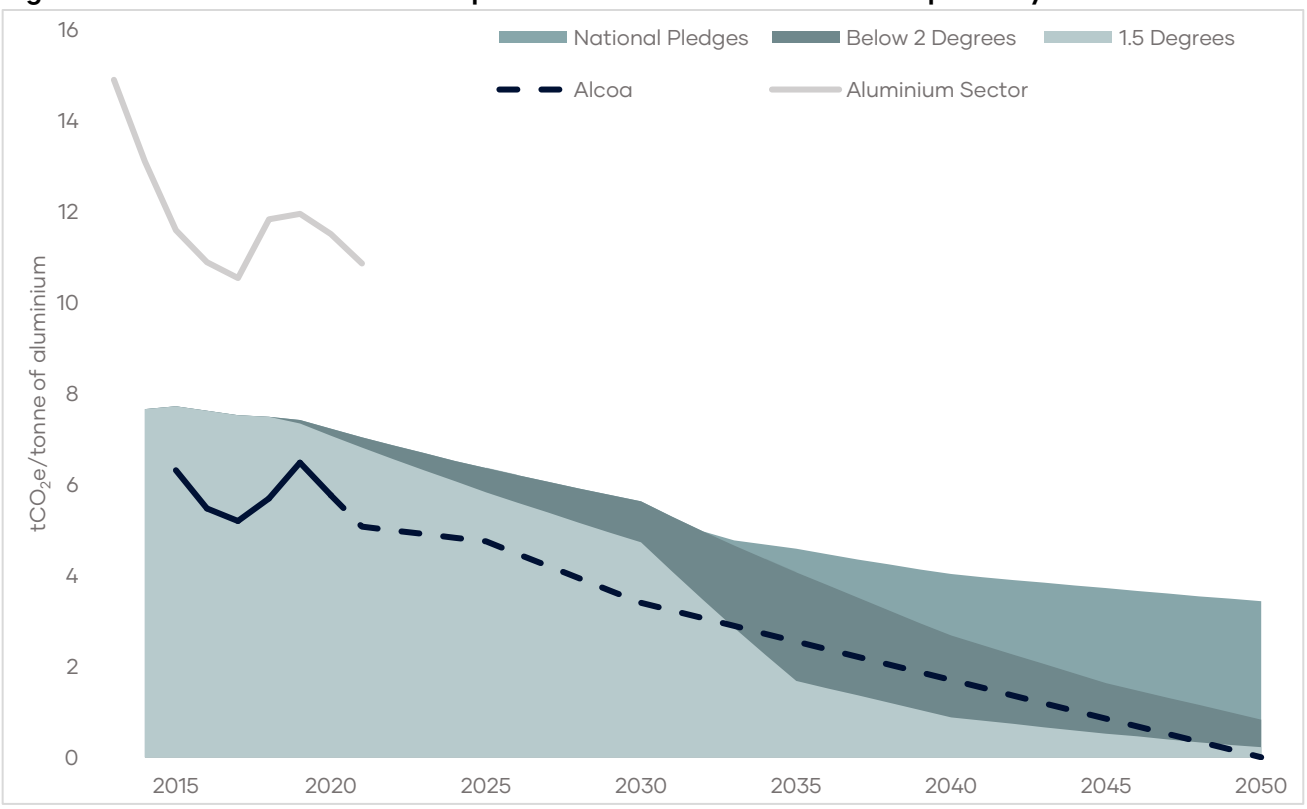
The energy evolution is therefore likely to require more aluminium volumetrically than any other metal. Aluminium, however, is extremely energy intensive to produce and accounts for roughly 2% of global GHG emissions (the majority of the worlds aluminium is produced using emissions intensive sources of electricity).

Alcoa

Alcoa (AA US) is an industry leader in terms of emissions intensity on the basis that nearly 80% of its electricity comes from renewable sources. It is also working on commercialising zero-emissions smelting technology, which has the potential to eliminate all direct GHG emissions from this process.

The estimated reduction of Alcoa's emissions intensity over time, also known as a decarbonisation pathway has been mapped by The Transition Pathway Initiative (Figure 9).

Figure 9 – Aluminium sector carbon performance and decarbonisation pathway



Source: Transition Pathway Initiative, 2023

Case Study: Clean Utilities

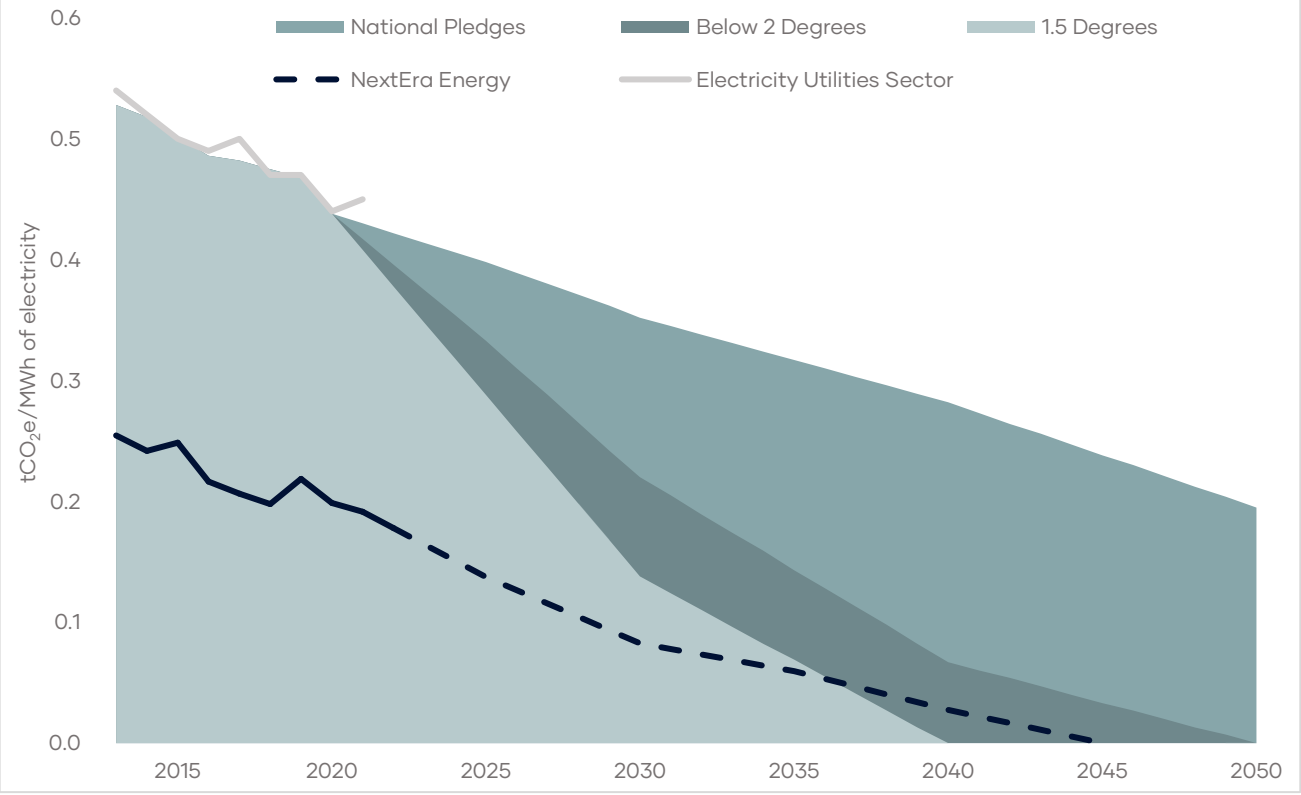
The global electricity sector represents 40% of annual carbon emissions. As well as being responsible for a significant proportion of global emissions, many other industries are dependent on the decarbonisation of electricity to achieve their own net zero goals. Utilities companies represent a significant proportion of this electricity sector and are necessary to provide large-scale renewable energy generation, distribution, and storage.

T8 Energy Vision has several clean utility companies within our investment universe. To meet our 'clean enough' criteria, a utilities company must derive more than 50% of revenue from the production/distribution of zero-emission energy (e.g. renewables and nuclear) and have a credible strategy to continue the shift to clean energy in respect of the remainder.

NextEra Energy (NEE US), an US electricity utility, was a portfolio position at the end of 2023 and a significant contributor to the portfolio's total emissions. NextEra Energy is nevertheless able to make a meaningful contribution to the goal of net zero in two important ways:

- The emissions produced by NextEra Energy's activities are comparably lower than conventional utilities therefore meaning significant avoided emissions (further details outlined in the following section, 'Avoided emissions'); and
- NextEra Energy has a goal to rapidly decarbonise and be carbon neural by 2045. The Transition Pathway Initiative has mapped the predicted decarbonisation pathway of NextEra Energy, as well as several other clean utility companies within our investment universe (Figure 10).

Figure 10 – Utilities sector carbon performance and decarbonisation pathway



Source: Transition Pathway Initiative, 2023

Avoided emissions

Avoided emissions are emissions saved indirectly by products and services through the substitution of high emissions intensity activities with lower emissions intensity alternatives as the emissions saved outside the value chain of a company's activity, they are not captured under conventional scope one, two or three emissions measures.

While clean energy is an alternative to conventional emissions intensive energy and uses for energy, we believe that drawing comparisons at portfolio level is difficult i.e. comparing the process of manufacturing solar modules to building new natural gas fired power stations is akin to comparing apples with oranges.

Of the portfolio's exposures, only electric utilities (and to a lesser extent biofuels) are sufficiently comparable to emissions-intensive incumbents.

For every million dollars (US dollars) invested in T8 Energy Vision at 31 December 2023, we have estimated an amount of avoided emissions associated with our exposure to electric utilities (13.1% of the portfolio) relative to an estimate for the emissions which would be associated with equivalent exposure to an average of the global electric utility sector. Our estimate for the emissions avoided is equivalent to:

While counterintuitive, the solutions to sustainably reducing global emissions is actually emissions intensive in the early phases

441 tonnes of carbon dioxide emissions avoided

20,233 trees absorbing carbon dioxide for a year

96 cars taken off the road

44 households powered

170 tonnes of coal not burned

Source: ISS, T8

The approach to estimating avoided emissions

The estimate for the tonnes of CO_2e emissions avoided per million US dollars invested in T8 Energy Vision was calculated by taking the total estimated scope 1 and 2 emissions provided by ISS for T8 Energy Vision's electric utilities positions as of 31 December 2023 which accounted for 13.1% of net asset value (218 tonnes of CO_2e in total or 23 tonnes per million US dollars invested), compared to an estimate for the emissions which would be associated with an equivalent investment in the global electric utility industry. This considers operational emissions for one year and does not consider lifecycle emissions. The estimate for the emissions which would be associated with an equivalent investment in the global electric utility industry was derived by estimating a WACI for the industry using the average emissions intensity of electricity sourced from Transition Pathway Initiative (transitionpathwayinitiative.org) of 0.45 tonnes CO_2e/MWh and the average cost of electricity sourced from the EIA (eia.gov) of US$0.135/kWh, which results in an estimated WACI of 3,328 tonnes of CO_2e per million US dollars of revenue. The difference between this and the WACI for T8 Energy Vision's electric utilities positions of 165, which was sourced from ISS, was used to estimate the tonnes of CO_2e per million US dollars invested in the global electric utility industry (please note that the following numbers have been rounded: 3,328/165=20; 20x23=460; 460-20=440 tonnes of CO_2e emissions avoided). The emissions avoided was then expressed in equivalent terms including: the number of trees absorbing CO_2 for one year based on an estimate of the rate at which mature trees absorb CO_2 during one year (22 kilograms per year) sourced from the United States Department of Agriculture (usda.gov); the number of cars taken off the road based on the estimated emissions for the average car over one year (4.6 tonnes per year) sourced from the United States EPA (epa.gov); the number of households taken off the electricity and natural gas grids based on the emissions intensity of the electricity and natural gas consumed by the average household over one year (9.9 tonnes per year) sourced from the US Environmental Protection Agency (epa.gov); and the volume of coal not burned based on an estimate of the emissions which result from the combustion of the average tonne of energy coal (2.6 tonnes of CO_2) sourced from the EIA (eia.gov).

Three quarters of greenhouse gas emissions come from the energy sector – by allocating capital to those companies that are driving and enabling the adoption of clean energy, we can have a significant impact on reducing greenhouse gas emissions

The UN Sustainable Development Goals

The SDG's as a framework for assessing impact

The United Nations (UN) Sustainable Development Goals (SDGs) are a collection of 17 interlinked objectives that have been identified as critical for the future prosperity of the planet. They cover three dimensions of sustainable development: economic growth, social inclusion, and environmental protection.

Although the UN SDG's were not developed for investors, we find that they nevertheless provide a useful framework for assessing the positive influence of individual companies activities.

The most relevant SDGs to T8 Energy Vision

Table 6 – Reconciling investment themes to UN sustainable development goals

	Investment Themes		
	Renewable energy	Energy storage	Electrification
Building blocks	• Clean Utilities • Solar • Wind • Biofuel • Enabling Technology • Critical Materials	• Hydrogen • Energy Storage • Enabling Technology • Critical Materials	• Electric Vehicles • Energy Efficiency • Enabling Technology • Critical Materials
	Impacts on UN Sustainable Development Goals		
Investing in solutions	• SDG 7: Affordable and Clean Energy • SDG 9: Industry, Innovation and Infrastructure • SDG 11: Sustainable Cities and Communities • SDG 12: Responsible Consumption and Production		
ESG stewardship	• SDG 5: Gender Equality • SDG 13: Climate Action • SDG 16: Peace, Justice and Strong Institutions		

Source: T8

More detail on the SDGs which are most relevant to T8 Energy Vision

SDG 5 – Gender Equality

Ending all discrimination against women and girls is not only a basic human right, it's crucial for sustainable future; it's proven that empowering women and girls helps economic growth and development.

UNDP has made gender equality central to its work and we've seen remarkable progress in the past 20 years. There are more girls in school now compared to 15 years ago, and most regions have reached gender parity in primary education.

But although there are more women than ever in the labour market, there are still large inequalities in some regions, with women systematically denied the same work rights as men. Sexual violence and exploitation, the

unequal division of unpaid care and domestic work, and discrimination in public office all remain huge barriers. Climate change and disasters continue to have a disproportionate effect on women and children, as do conflict and migration.

It is vital to give women equal rights, land and property, sexual and reproductive health, and to technology and the internet. Today there are more women in public office than ever before, but encouraging more women leaders will help achieve greater gender equality.

SDG 7 – Affordable and Clean Energy

Between 2000 and 2018, the number of people with electricity increased from 78 to 90 percent, and the numbers without electricity dipped to 789 million.

Yet as the population continues to grow, so will the demand for cheap energy, and an economy reliant on fossil fuels is creating drastic changes to our climate.

Investing in solar, wind and thermal power, improving energy productivity, and ensuring energy for all is vital if we are to achieve SDG 7 by 2030.

Expanding infrastructure and upgrading technology to provide clean and more efficient energy in all countries will encourage growth and help the environment.

SDG 9 – Industry, Innovation and Infrastructure

Investment in infrastructure and innovation are crucial drivers of economic growth and development. With over half the world population now living in cities, mass transport and renewable energy are becoming ever more important, as are the growth of new industries and information and communication technologies.

Technological progress is also key to finding lasting solutions to both economic and environmental challenges, such as providing new jobs and promoting energy efficiency. Promoting sustainable industries, and investing in scientific research and innovation, are all important ways to facilitate sustainable development.

More than 4 billion people still do not have access to the Internet, and 90 percent are from the developing world. Bridging this digital divide is crucial to ensure equal access to information and knowledge, as well as foster innovation and entrepreneurship.

SDG 11 – Sustainable Cities and Communities

More than half of us live in cities. By 2050, two-thirds of all humanity—6.5 billion people—will be urban. Sustainable development cannot be achieved without significantly transforming the way we build and manage our urban spaces.

The rapid growth of cities—a result of rising populations and increasing migration—has led to a boom in mega-cities, especially in the developing world, and slums are becoming a more significant feature of urban life.

Making cities sustainable means creating career and business opportunities, safe and affordable housing, and building resilient societies and economies. It involves investment in public transport, creating green public spaces, and improving urban planning and management in participatory and inclusive ways.

SDG 12 – Responsible Consumption and Production

Achieving economic growth and sustainable development requires that we urgently reduce our ecological footprint by changing the way we produce and consume goods and resources. Agriculture is the biggest user of water worldwide, and irrigation now claims close to 70 percent of all freshwater for human use.

The efficient management of our shared natural resources, and the way we dispose of toxic waste and pollutants, are important targets to achieve this goal. Encouraging industries, businesses and consumers to recycle and reduce waste is equally important, as is supporting developing countries to move towards more sustainable patterns of consumption by 2030.

A large share of the world population is still consuming far too little to meet even their basic needs. Halving the per capita of global food waste at the retailer and consumer levels

is also important for creating more efficient production and supply chains. This can help with food security, and shift us towards a more resource efficient economy.

SDG 13 – Climate Action

There is no country that is not experiencing the drastic effects of climate change. Greenhouse gas emissions are more than 50 percent higher than in 1990. Global warming is causing long-lasting changes to our climate system, which threatens irreversible consequences if we do not act.

The annual average economic losses from climate-related disasters are in the hundreds of billions of dollars. This is not to mention the human impact of geo-physical disasters, which are 91 percent climate-related, and which between 1998 and 2017 killed 1.3 million people, and left 4.4 billion injured. The goal aims to mobilize US$100 billion annually by 2020 to address the needs of developing countries to both adapt to climate change and invest in low-carbon development.

Supporting vulnerable regions will directly contribute not only to Goal 13 but also to the other SDGs. These actions must also go hand in hand with efforts to integrate disaster risk measures, sustainable natural resource management, and human security into national development strategies. It is still possible, with strong political will, increased investment, and using existing technology, to limit the increase in global mean temperature to two degrees Celsius above pre-industrial levels, aiming at 1.5°C, but this requires urgent and ambitious collective action.

SDG 16 – Peace, Justice and Strong Institutions

We cannot hope for sustainable development without peace, stability, human rights and effective governance, based on the rule of law. Yet our world is increasingly divided. Some regions enjoy peace, security and prosperity, while others fall into seemingly endless cycles of conflict and violence. This is not inevitable and must be addressed.

Armed violence and insecurity have a destructive impact on a country's development, affecting economic growth, and often resulting in grievances that last for generations. Sexual violence, crime, exploitation and torture are also prevalent where there is conflict, or no rule of law, and countries must take measures to protect those who are most at risk

The SDGs aim to significantly reduce all forms of violence, and work with governments and communities to end conflict and insecurity. Promoting the rule of law and human rights are key to this process, as is reducing the flow of illicit arms and strengthening the participation of developing countries in the institutions of global governance.

Source: The United Nations

T8's assessment of the SDGs

During 2023, we further developed and implemented a pilot program around measuring alignment of company revenues with the goals and sub-goals of the UN's Sustainable Development Goals as a way of measuring and tracking the positive influence achieved because of our investments.

During 2023, we have taken our commitment to generating a positive contribution a step further and have refined a methodology that will incorporate the contribution that an individual company makes toward the SDGs when determining individual position sizes. A company assessed as having an overall positive contribution to the SDGs will slightly skew the investment case (for both investment and position size). In practice this means that when two companies have similar valuation upside and a similar risk profile, but one company has been assessed as making a positive contribution to the SDGs and the other not, the company making the contribution would be selected because of the SDG impact on valuation.

Related to T8 Energy Vision's focus on investing in clean energy (companies which directly produce clean energy or are critical to the value chain thereof), T8 has elected to focus on assessing:

- SDG 7 (Affordable and Clean Energy);
- SDG 9 (Industry, Innovation and Infrastructure – specifically the level of investment in relevant research and development);
- SDG 11 (Sustainable Cities and Communities – specifically sub-goals 11.2 in relation to transportation; 11.6 in relation to air quality; and 11.B in relation to resource efficiency); and
- SDG 12 (Responsible Consumption and Production – specifically waste reduction targets and programmes).

In addition, reflecting T8 Energy Vision's company engagement priorities, our company ESG stewardship program focuses on:

- SDG 5 (Gender Equality);
- SDG 13 (Climate Action); and
- SDG 16 (Peace, Justice and Strong Institutions – specifically sub- goal 16.6 related to effective, accountable and transparent institutions and 16.7 related to responsive, inclusive, participatory and representative decision-making – shareholder alignment).

We have developed an initial set of proprietary quantitative and qualitative metrics which we have used to score each company's contribution to these identified SDGs on a three-point scale - high, medium, or low (there are clear metrics that define each rating – refer Appendix 7).

For example:

Table 7 – Example SDG assessment for Algonquin Power & Utilities

Sustainable development goal	Score
SDG 5 – Gender equality	●●●
SDG 7 – Affordable and clean energy	●●●
SDG 9 – Industry, innovation, and infrastructure	●○◌
SDG 11 – Sustainable cities and communities	●◌◌
SDG 12 – Responsible consumption and production	●●◌
SDG 13 – Climate action	●◌◌
SDG 16 – Peace, justice and strong institutions	●●●

Source: T8

The SDG assessment of portfolio companies held at end of 2023 is detailed in Appendix 7.

While we believe that this process assists us to understand a Company's wider impact beyond the profit and investment returns it generates, there are some obvious limitations in this approach. For example:

- The initial indicators we have selected only assess certain aspects of a company's contribution to a SDG;
- We have not assessed company contribution to SDG's more broadly (we have focussed only on this limited group of SDGs); and
- It does not take account of the negative influences of a company's activity.

Notwithstanding these limitations, we consider this work to be a starting point upon which we propose to build in the future.

The ESG footprint of our own operations

Modern slavery

T8 recognises that modern slavery is an ongoing issue worldwide. Modern slavery includes trafficking in persons, slavery, servitude, forced marriage, forced labour, debt bondage, child labour and deceptive recruiting for labour or services. Modern slavery practices are often obscured by the complexity of global supply chains.

We recognise that while certain sectors or geographical locations may give rise to a higher risk of modern slavery, modern slavery can occur in any location or sector. A thorough understanding of our supply chain is pivotal for the identification and quantification of modern slavery risk in our business.

T8 does not currently trigger reporting requirements under Australia's Modern Slavery Act, however, in 2023 we reviewed and updated the modern slavery risks associated with our own operation supply chain and associated risk management processes.

Modern slavery in our operations

Given the relatively small number of employees and the nature of our business, we believe there is a lower likelihood that modern slavery or human rights violations are present in our operations and supply chain. We have nevertheless conducted staff training and implemented appropriate organisational policies to ensure that any modern slavery risks are both reported and appropriately investigated.

Office supplies

We procure standard office supplies from Officeworks (subsidiary of Wesfarmers). Both companies have published Modern Slavery statements with action plans in place.

Cleaning services

We have one office in Melbourne that we lease. We believe that the staff employed to perform office cleaning represent the highest risk of modern slavery in our supply chain. We have raised this concern with our landlord who has advised us that the cleaning contract to the office has been outsourced a specialist third party cleaning contractor, Spree Enterprise (Spree).

Spree has been operating for over 30 years. Spree has confirmed that all employees and contractors are employed in accordance with the relevant laws and regulations. While we do not have any immediate concerns regarding the existence of modern slavery within this organisation or supply chain, we will continue to be alert to these risks.

Service providers

T8 has outsourced service providers engaged to provide the following:

- Asset custody
- Fund administration
- Market data
- Information technology
- Legal services
- External audit

These services are, for the most part, procured from within Australia (a lower-risk regulated country) and are performed by professionals with appropriate skills and experience.

T8 also has the following controls within its own policies and procedures:

- Service provider modern slavery statements are obtained and reviewed prior to engagement.
- A full risk assessment of the business type and country of operation is conducted to identify the modern slavery risk.
- New service provider contracts are reported to the Oversight Committee and reviewed in relation to the risk of modern slavery.

Supplier code of conduct

We are conscious that modern slavery exists even in low-risk geographies, sectors, and industries. On this basis, we are in the process of drafting a Supplier Code of Conduct which sets out our expectations in relation to labour rights, modern slavery, and other business integrity issues. In the future, we propose to provide a copy of this Code of Conduct to all suppliers at the point of our engagement.

Modern slavery in our investment portfolio

We recognise that our greatest risk of exposure to modern slavery is through the investments that we hold in our portfolios. Our key modern slavery risks include:

- High-risk sectors we invest in include materials and mining and technology

manufacturing (in particular the solar industry);

- Vulnerable workforces include migrant, low skilled and contract/outsourced workers; and
- High-risk geographies include conflict-affected zones, countries with high corruption or a weak rule of law, lack of transparency and/or a history of human rights violations.

To understand the modern slavery exposure from portfolio investments, T8 has adopted an overarching Responsible Investment Policy which is implemented by the investment team. A copy of the Responsible Investment policy can be found on our website. Workforce rights and equality is one of T8's three ESG priority areas. As part of our ESG due diligence/assessment process, we consider modern slavery risks with the goal of ultimately forming a view as to the quality of each company's modern slavery risk management.

As part of this due diligence process, we:

- review any modern slavery policies, statements, supply chain mapping, risk assessments and other general disclosures that have been released by the company; and
- consider the quality of the company's operational and supply chain modern slavery controls to detect (including the use of independent third-party audits) and remedy modern slavery risks.

We also consider the individual circumstances of each company, such as:

- workforce composition (e.g. the number of contractors versus employees, and the use of labour hire agencies);
- the company's geographic location;
- history of news flow/controversies associated with modern slavery risks and issues;
- local laws that apply to the region; and
- industry risks.

We prioritise engagement (and ongoing monitoring) with the individual companies based on exposure to high-risk geographies and industries. During these engagements we seek further insights into company risks and controls and advocate for improved controls and disclosures.

Taskforce on Climate related Financial Disclosures

Successful transition to net zero will require a vast capital reallocation and will likely generate material risks and opportunities for companies affected by this transition. Consequently, many investor portfolios face considerable risks. The Financial Stability Board created the Task Force on Climate-related Financial Disclosures (TCFD) to improve and increase reporting of climate-related financial information.

Traditionally, climate related disclosures have meant businesses reporting on their impact on the environment and society. The TCFD recommendations pivot this to understanding the impacts that climate change may have on the business, and to what extent those impacts are understood and identified within the decision-making process of an organisation.

The TCFD recommendations are designed to encourage consistent and comparable reporting on climate related risks and opportunities by companies to their stakeholders. The TCFD recommendations are structured around the content pillars of governance, strategy, risk assessment and metrics.

T8 strongly supports adoption of TCFD reporting and methodology standard for climate relevant metrics (such as emissions reporting) as this helps to drive consistency across the industry.

Our key responses to the TCFD recommendations are included in Appendix 8.

T8 supports the adoption of TCFD standards and reporting for climate relevant metrics (such as emissions reporting) as this helps to drive consistency across the industry

Appendices

Appendix 1 – Summary of ESG assessments completed in 2023

Company Name	Ticker	Building Block	Standardised ESG Risk	Key Issues/ESG Factors
Yadea Group	1585 HK	Electric Vehicles	Medium	• Whole of supply chain environmental stewardship • Workforce rights and equality • Whole of supply chain sustainability stewardship • Organisation governance and ethics
ERO Copper	ERO CN	Critical Materials	High	• Environmental compliance • Energy and emissions intensity • Climate risk management • Community management including cultural heritage
American Lithium	LI CN	Critical Materials	Medium-High	• Environmental compliance • Energy and emissions intensity • Community management including cultural heritage
Nidec	6594 JP	Electric Vehicles	Medium	• Non-hazardous waste management • Whole of supply chain environmental stewardship • Energy and emissions intensity (net zero) • Occupational health and safety
Hudbay Minerals	HBM CN	Critical Materials	High	• Environmental compliance • Energy and emissions intensity • Management of hazardous materials • Non-hazardous waste management • Climate risk management • Management of ecologically sensitive areas and biodiversity • Community management including cultural heritage
Drax Group	DRX LN	Clean Utilities	High	• Environmental compliance • Energy and emissions intensity • Climate risk management • Management of ecologically sensitive areas and biodiversity • Whole of supply chain environmental stewardship • Occupational health and safety
Bloom Energy	BE US	Hydrogen	High	• Climate risk management • Energy and emissions intensity (net zero) • Workforce rights and equality • Organisational governance and ethics
Major Drilling	MDI US	Critical Materials	Medium	• Non-hazardous waste management • Water management • Climate risk management

Company Name	Ticker	Building Block	Standardised ESG Risk	Key Issues/ESG Factors
				• Occupational health and safety • Community management including cultural heritage
Trion (unlisted)		Energy Storage	Low	• Energy and emissions intensity • Management of hazardous materials • Whole of supply chain sustainability stewardship.
Filo Corp	FIL CN	Critical Materials	Medium-High	• Environmental management processes and oversight • Energy and emissions intensity • Management of hazardous materials • Non-hazardous waste management • Water management • Climate risk management • Management of ecologically sensitive areas and biodiversity • Community management including cultural heritage
Lundin Mining	LUN CN	Critical Materials	Medium-High	• Environmental management processes and oversight • Environmental compliance • Management of hazardous materials • Non-hazardous waste management • Water management • Rehabilitation and restoration practices • Community management including cultural heritage
Pan American Silver	PAAS US	Critical Materials	High	• Non-hazardous waste management • Management of hazardous materials • Rehabilitation and restoration practices • Community management including cultural heritage
Qualcomm	QCOM US	Enabling Technology	Medium	• Energy and emissions intensity • Water management • Climate risk management • Whole of supply chain environmental stewardship • Whole of supply chain sustainability stewardship • Organisation governance and ethics
Nucor	NUE US	Critical Materials	Medium-High	• Environmental compliance • Energy and emissions intensity • Management of hazardous materials • Non-hazardous waste management • Climate risk management • Whole of supply chain environmental stewardship • Occupational health and safety

Company Name	Ticker	Building Block	Standardised ESG Risk	Key Issues/ESG Factors
				• Community management including cultural heritage • Whole of supply chain sustainability stewardship
First Solar	FSLR US	Solar	Medium-Low	• Energy and emissions intensity • Non-hazardous waste management • Climate risk management • Whole of supply chain environmental stewardship • Workforce rights and equality • Whole of supply chain sustainability stewardship • Auditor objectivity.
Silvercorp Metals	SVM US	Critical Materials	High	• Environmental management processes and oversight • Environmental compliance • Energy and emissions intensity • Climate risk management • Management of ecologically sensitive areas and biodiversity • Rehabilitation and restoration practices • Community management including cultural heritage
Rivian Automotive	RIVN US	Electric Vehicles	Medium	• Occupational health and safety • Management of industrial relations • Whole of supply chain environmental stewardship • Whole of supply chain sustainability (social) stewardship • Organisational governance and ethics (shareholder alignment)
Tesla	TSLA US	Electric Vehicles	High	• Occupational health and safety • Management of industrial relations • Whole of supply chain environmental stewardship • Whole of supply chain sustainability (social) stewardship • Organisational governance and ethics (shareholder alignment)
ChargePoint	CHPT US	Electric Vehicles	Medium-Low	• Environmental management processes and oversight • Energy and emissions intensity • Climate risk management • Whole of supply chain environmental stewardship • Workforce rights and equality • Whole of supply chain sustainability stewardship • Organisation governance and ethics
Wartsila	WRT1V FH	Energy Storage	Medium	• Energy and emissions intensity • Whole of supply chain environmental stewardship • Workforce rights and equality • Whole of supply chain sustainability stewardship

Company Name	Ticker	Building Block	Standardised ESG Risk	Key Issues/ESG Factors
				• Organisation governance and ethics
SolarEdge Technologies	SEDG US	Solar	Medium	• Whole of supply chain sustainability (social) • Energy and emissions intensity (net zero)

Source: T8

Appendix 2 – Special focus ESG watchlists

High priority monitoring

Company	Ticker	Building Block	Date Added	Date Removed	Key ESG Factors
Sociedad Quimica y Minera de Chile	SQM US	Critical Materials	2024		• Water management • Management of ecologically sensitive areas and biodiversity • Community management including cultural heritage
Southern Copper	SCCO US	Critical Materials	2024		• Environmental compliance • Energy and emissions intensity • Management of hazardous materials • Non-hazardous waste management • Climate risk management • Management of ecologically sensitive areas and biodiversity • Community management including cultural heritage
Hudbay Minerals	HBM US	Critical Materials	2024		• Environmental compliance • Energy and emissions intensity • Management of hazardous materials • Non-hazardous waste management • Climate risk management • Management of ecologically sensitive areas and biodiversity • Community management including cultural heritage
China Longyuan Power	916 HK	Wind	2021	2024	• Energy and emissions intensity (net zero) • Management of ecologically sensitive areas and biodiversity • Whole of supply chain sustainability (social) stewardship • Community management including cultural heritage • Workforce rights and equality • Organisation governance and ethics
Albemarle	ALB US	Critical Materials	2021	2024	• Water management • Management of ecologically sensitive areas and biodiversity • Community management including cultural heritage
Tesla	TSLA US	Electric Vehicles	2021		• Occupational health and safety • Management of industrial relations • Whole of supply chain environmental stewardship • Whole of supply chain sustainability (social) stewardship • Organisational governance and ethics (shareholder alignment)

Company	Ticker	Building Block	Date Added	Date Removed	Key ESG Factors
Goldwind Science & Technology	2208 HK	Wind	2021	2023	• Workforce rights and equality • Energy and emissions intensity • Management of hazardous materials
Pan American Silver	PAAS US	Critical Materials	2021 and 2024 (reinstated)	2023	• Non-hazardous waste management • Management of hazardous materials • Rehabilitation and restoration practices • Community management including cultural heritage
Neste	NESTE FH	Biofuels	2023		• Whole of supply chain environmental stewardship • Whole of supply chain sustainability (social) stewardship;
Great Wall Motor Company	2333 HK	Electric Vehicles	2023	2024	• Whole of supply chain environmental stewardship • Whole of supply chain sustainability (social) • Energy and emissions intensity (net zero) • Workforce rights and equality • Organisational governance and ethics
Niu Technologies	NIU U	Electric Vehicles	2023	2024	• Environmental management processes and oversight • Organisation governance and ethics (including diversity/gender) • Workforce rights and equality • Whole of supply chain sustainability (social) stewardship
NextEra Energy	NEE US	Clean Utilities	2023	2024	• Management of ecologically sensitive areas and biodiversity • Political transparency • Energy and emissions intensity (net zero)
Bloom Energy	BE US	Hydrogen	2023	2024	• Climate risk management • Energy and emissions intensity (net zero) • Workforce rights and equality • Organisational governance and ethics

Source: T8

Engage to impact

Company	Ticker	Building Block	ESG Factors	Issue	Objective	Timeframe
Freeport-McMoRan	FCX US	Critical Materials	Non- hazardous waste management	Suboptimal tailings disposal practices	Additional disclosure which allows the investment community to better understand the enormous amount of work which Freeport has performed over decades examining alternative tailings storage/disposal solutions in Indonesia and why the present approach remains technically, economically and environmentally superior (notwithstanding some factors which may have improved its prospects since operations began, e.g. advancing technology for alternative practices such as dry stacking; increased process efficiency; shift from predominantly open cut to predominantly underground mining; depleted mining areas; increased government ownership; etc.)	3-5 years
			Rehabilitation and restoration practices	Concerns regarding inadequate rehabilitation planning and provisioning	Additional disclosure detailing the full extent of Freeport's global, company-wide post-closure rehabilitation and restoration plans (possibly including artist's impressions) to demonstrate and promote how all disturbed areas will be fully rehabilitated and restored to the highest standards following the end of mining and processing. Also, additional detail demonstrating why the financial provisioning to fund these plans remains appropriate. Including circumstances where a particular asset could be sold by Freeport prior to the completion of rehabilitation	3 years
Xinyi Solar	968 HK	Solar	Whole of supply chain stewardship	Concerns regarding human rights issues in solar panel supply chain[1]	Commitment to increase disclosure in relation to the efforts the company has gone to in order to identify and assess the risks of forced labour in its supply chains, including disclosing suppliers and where appropriate the location of the suppliers' facilities, including any identified as high risk	2-3 years

Source: T8

[1]Xinyi Solar has an operating segment which develops solar energy projects. The solar equipment for these projects is sourced from various Chinese manufacturers. While the company has not publicly disclosed the suppliers of this equipment, following direct engagement with the company we understand that it procures equipment from the whole of the Chinese solar industry. Numerous Chinese solar industry participants have production facilities (especially polysilicon) in Xinjiang (an autonomous territory in northwest China). Xinjiang is associated with allegations that since 2017 the Chinese government has committed crimes against humanity in the region, including arbitrary detention, enforced disappearances, and cultural and religious persecution, and has subjected Uyghurs and other Turkic Muslim communities to forced labour inside and outside of the territory. It is therefore conceivable that some of these suppliers are linked or have supply chains linked to Xinjiang (and therefore an elevated risk of exposure to forced labour). The Chinese government officially denies the use forced labour in the province. We acknowledge that forced labour is a black and white issue. However, Xinyi Solar's situation has a range of elements (further complicated by language and cultural nuance) which make it impossible to conclude on a binary basis at this point in time. For these reasons, Xinyi Solar is subjected to our highest intensity monitoring.

Appendix 3 – Comparison of ESG ratings (of portfolio companies as at 31 December 2023)

Company	Ticker	Building Block	T8 ESG Rating (Standardised)	Sustainalytics			MSCI	Bloomberg			
			Overall (L; M-L; M; M-H; H; Extreme)	Overall (100-0)	Exposure[1]	Management[2]	Overall (CCC-AAA)	E (0-10)	S (0-10)	G (0-10)	Overall (0-10)
Encavis	ECV GY	Solar	Medium-Low (preliminary)	19.6 Low	Low	Average	Not rated	1.5	3.1	5.1	2.8
NextEra Energy	NEE US	Clean Utilities	Medium-High	24.9 Medium	High	Strong	AA	6.4	5.8	6.3	6.2
Orsted	ORSTED DC	Wind	Medium	15.1 Low	High	Strong	AAA	5.2	3.9	7.4	5.4
China Longyuan Power	916 HK	Wind	Medium-High	40.5 Severe	High	Average	BBB	4.4	3.4	5.1	4.3
MP Materials	MP US	Critical Materials	Medium-High	47.1 Severe	High	Average	Not rated	0	0.8	6	1.5
Albemarle	ALB US	Critical Materials	Medium-High	20.1 Medium	Medium	Strong	A	5.1	4.3	7.8	5.6
Alcoa	AA US	Critical Materials	Medium-High	25.1 Medium	High	Strong	Not rated	4.6	2.5	8	4.6
Darling Ingredients	DAR US	Biofuel	Medium-High	19.6 Low	Medium	Strong	AA	3	2.2	7.4	3.5
Verbio	VBK GY	Biofuel	Medium	22.5 Medium	Medium	Average	Not rated	1.5	2.4	3.4	2.2
Generac	GNRC US	Enabling Technology	Medium (preliminary)	22.0 Medium	Medium	Average	Not rated	3.8	6.7	6.1	5.3
Advanced Micro Devices	AMD US	Enabling Technology	Medium (preliminary)	13.9 Low	Low	Strong	AA	7.2	5.3	7.5	6.7
GlobalFoundries	GFS US	Enabling Technology	Medium (preliminary)	16.7 Low	Medium	Strong	Not rated	3.7	4.2	2.7	3.5
Infineon Technologies	IFX GY	Enabling Technology	Medium (preliminary)	13.1 Low	Medium	Strong	AAA	4.5	3.5	7.4	5
Signify	LIGHT NA	Energy Efficiency	Medium-Low	11.2 Low	Medium	Strong	Not rated	5.5	7.5	7.6	6.7
Wolfspeed	WOLF US	Enabling Technology	Medium (preliminary)	30.4 High	High	Strong	Not rated	3.7	2.1	7.2	4.1
Nel	NEL NO	Hydrogen	Medium-Low	28.4 Medium	Medium	Average	Not rated	0.8	1.3	6.6	2.3

Company	Ticker	Building Block	T8 ESG Rating (Standardised)	Sustainalytics			MSCI	Bloomberg			
			Overall (L; M-L; M; M-H; H; Extreme)	Overall (100-0)	Exposure[1]	Management[2]	Overall (CCC-AAA)	E (0-10)	S (0-10)	G (0-10)	Overall (0-10)
Stem	STEM US	Energy Efficiency	Low	Not rated	Not rated	Not rated	Not rated	0	2.2	7.1	1.9
Plug Power	PLUG US	Hydrogen	Medium	27.9 Medium	Medium	Average	Not rated	1.5	3.7	5.2	2.9
TPI Composites	TPIC US	Wind	Medium	18.3 Low	Medium	Strong	Not rated	2.3	5.1	6.6	4.3
Nordex	NDX1 GY	Wind	Medium (preliminary)	17.6 Low	Medium	Strong	Not rated	3	2.4	5.7	3.5
Xinyi Solar	968 HK	Solar	Medium-High	24.2 Medium	Medium	Average	A	4.9	4.3	4.2	4.5
SolarEdge Technologies	SEDG US	Solar	Medium	15.6 Low	Medium	Strong	Not rated	6	5.9	6.2	6
Sunrun	RUN US	Solar	Medium	19.9 Low	Medium	Average	Not rated	0	1.2	7	1.7
Shoals Technologies	SHLS US	Solar	Medium-Low	24.5 Medium	Medium	Average	Not rated	0	2.5	6.1	1.8
Array Technologies	ARRY US	Solar	Medium-Low	18.3 Low	Medium	Strong	Not rated	3.7	0.8	5.8	3.2
Enphase Energy	ENPH US	Solar	Medium (preliminary)	19.9 Low	Medium	Average	AA	4.1	6.3	5.9	5.3
Maxeon Solar Technologies	MAXN US	Solar	Medium	27.9 Medium	High	Strong	Not rated	Not rated	Not rated	Not rated	Not rated
Meyer Burger Technology	MBTN SW	Solar	Medium	29.1 Medium	Medium	Average	Not rated	3.3	4	4.9	4
Hannon Armstrong Sustainable Infrastructure	HASI US	Solar	Low	12.9 Low	Low	Strong	Not rated	4.4	7.3	7.1	5.7
BYD	1211 HK	Electric Vehicles	Medium-High (preliminary)	26.1 Medium	Medium	Average	A	1.2	3.8	4.6	2.7
Nidec	6594 JP	Electric Vehicles	Medium	22.8 Medium	Medium	Average	A	2	2	6.5	3
Volkswagen	VOW GY	Electric Vehicles	Medium-High	26.8 Medium	Medium	Average	B	4.2	3.2	5.7	4.3
Innoviz Technologies	INVZ US	Electric Vehicles	Medium-Low (preliminary)	21.4 Medium	Medium	Average	Not rated	Not rated	Not rated	Not rated	Not rated

Company	Ticker	Building Block	T8 ESG Rating (Standardised)	Sustainalytics			MSCI	Bloomberg			
			Overall (L; M-L; M; M-H; H; Extreme)	Overall (100-0)	Exposure[1]	Management[2]	Overall (CCC-AAA)	E (0-10)	S (0-10)	G (0-10)	Overall (0-10)
Tesla	TSLA US	Electric Vehicles	High	24.7 Medium	Medium	Average	A	5.2	5.6	6.3	5.6
Niu Technologies	NIU US	Electric Vehicles	Medium	Not rated	Not rated	Not rated	Not rated	0.4	2.3	2.6	1.4
ChargePoint	CHPT US	Electric Vehicles	Medium-Low	17.9 Low	Low	Average	Not rated	0.7	1.7	5.3	2.1

Source: T8

Footnote

Third party ESG rating/scores were sourced from Bloomberg data feed in June/July 2024, apart from Sustainalytics which were sourced their website (https://www.sustainalytics.com) in June/July 2024. Note that rating and scoring systems are not directly comparable since they utilise different methodologies and different criteria to calculate scores.

For further detail on Sustainalytics' methodology refer: https://www.sustainalytics.com/esg-data

For further detail on MSCI's methodology refer: https://www.msci.com/our-solutions/esg-investing/esg-ratings

For further detail on Bloomberg's ESG Scores refer: https://www.bloomberg.com/professional/product/esg-data/?utm_medium=Adwords_SEM&utm_source=pdsrch&utm_content=APAC_ESGdata_2023&utm_campaign=728003&tactic=728003&gad_source=1&gclid=EAIaIQobChMI3JKUxNjXggMVW8FMAh0QRgeqEAAYASAAEgJ71_D_BwE

[1] Extent to which a company is exposed to different material ESG issues

[2] How well company is managing relevant ESG issues

Appendix 4 – Summary of company shareholder meetings in 2023

Company	Ticker	Building Block	Meeting Date	Resolutions	Votes Against Management	Concerns	Relevant ESG Factor(s)
Micron Technology	MU US	Enabling Technology	12/01/2023	11	1	• Length of audit firm tenure	• Auditor objectivity
Canoo	GOEV US	Electric Vehicles	24/01/2023	5	0		
China Longyuan Power	916 HK	Clean Utilities	30/01/2023	2	0		
Pan American Silver.	PAAS US	Critical Materials	31/01/2023	1	0		
Great Wall Motor Company	2333 HK	Electric Vehicles	08/02/2023	2	0		
Orsted	ORSTED DC	Wind	07/03/2023	16	2	• Lack of board diversity	• Workforce rights and equality
CleanSpark	CLSK US	Energy Efficiency	08/03/2023	10	4	• Lack of board diversity • Executive compensation • Stock plan	• Workforce rights and equality • Organisational governance and ethics (including remuneration)
Qualcomm	QCOM US	Enabling Technology	08/03/2023	15	4	• Lack of board diversity • Length of audit firm tenure	• Workforce rights and equality • Auditor objectivity
Wartsila	WRT1V FH	Energy Storage	09/03/2023	14	1	• Lack of board diversity • Lack of independent directors	• Workforce rights and equality • Organisational governance and ethics (including remuneration)
Great Wall Motor Company	2333 HK	Electric Vehicles	17/03/2023	4	0		
Nordex	NDX1 GY	Wind	27/03/2023	5	0		
Neste	NESTE FH	Biofuel	28/03/2023	12	2	• Lack of board diversity • Permanent arrangements for virtual-only shareholder meetings	• Workforce rights and equality • Organisational governance and ethics
Renesas Electronics	6723 JP	Enabling Technology	30/03/2023	6	0		
Nel	NEL NO	Hydrogen	21/04/2023	22		• Executive compensation • Stock plan	• Organisational governance and ethics (including remuneration)
Great Wall Motor Company	2333 HK	Electric Vehicles	24/04/2023	3	1	• Plan of guarantee	• Organisational governance and ethics
ASML	ASML NA	Enabling Technology	26/04/2023	15	0		

Company	Ticker	Building Block	Meeting Date	Resolutions	Votes Against Management	Concerns	Relevant ESG Factor(s)
Albemarle	ALB US	Critical Materials	02/05/2023	14	5	• Lack of board diversity • Length of audit firm tenure	• Workforce rights and equality • Auditor objectivity
Shoals Technologies	SHLS US	Solar	04/05/2023	5	1	• Lack of board diversity • Classified board and supermajority vote requirements •	• Workforce rights and equality • Organisational governance and ethics
Alcoa	AA US	Critical Materials	05/05/2023	13	4	• Lack of board diversity • Approval of severance packages	• Workforce rights and equality • Organisational governance and ethics
Darling Ingredients	DAR US	Biofuel	09/05/2023	13	4	• Lack of board diversity • Combined CEO/board chair role • Length of audit firm tenure	• Workforce rights and equality • Organisational governance and ethics • Auditor objectivity
First Solar	FSLR US	Solar	09/05/2023	15	6	• Lack of board diversity • Length of audit firm tenure	• Workforce rights and equality • Auditor objectivity
Enel	ENEL IM	Clean Utilities	10/05/2023	15	0		
Pan American Silver	PAAS US	Critical Materials	10/05/2023	15	3	• Lack of board diversity • Length of audit firm tenure	• Workforce rights and equality • Auditor objectivity
Tesla	TSLA US	Electric Vehicles	16/05/2023	7	3	• Board oversight of CEO behaviour • Board oversight of ESG risks and performance • Lack of board diversity • Frequency of shareholder review of executive remuneration	• Organisational governance and ethics (including remuneration) • Workforce rights and equality
Enphase Energy	ENPH US	Solar	17/05/2023	5	2	• Lack of board diversity	• Workforce rights and equality

Company	Ticker	Building Block	Meeting Date	Resolutions	Votes Against Management	Concerns	Relevant ESG Factor(s)
NextEra Energy	NEE US	Clean Utilities	18/05/2023	16	8	• Lack of board diversity • Combined CEO/board chair role • Disclosure of company workforce diversity metrics • Length of audit firm tenure	• Workforce rights and equality • Organisational governance and ethics • General transparency and disclosure • Auditor objectivity
Array Technologies	ARRY US	Solar	23/05/2023	6	1	• Lack of board diversity • Classified board and supermajority vote requirements	• Workforce rights and equality • Organisational governance and ethics
Encavis	ECV GY	Solar	01/06/2023	22	3	• Executive compensation • Capital issuance	• Organisational governance and ethics (including remuneration)
SolarEdge Technologies	SEDG US	Solar	01/06/2023	8	2	• Lack of board diversity	• Workforce rights and equality
Sunrun	RUN US	Solar	01/06/2023	7	1	• Joint board chair role	• Organisational governance and ethics
Xinyi Solar	968 HK	Solar	02/06/2023	11	2	• Share issuance	• Organisational governance and ethics
Freeport-McMoRan	FCX US	Critical Materials	06/06/2023	15	5	• Lack of board diversity • Combined CEO/board chair role • Length of audit firm tenure	• Workforce rights and equality • Organisational governance and ethics • Auditor objectivity
Nordex	NDX1 GY	Wind	06/06/2023	8	1	• Permanent arrangements for virtual-only shareholder meetings	• Organisational governance and ethics
QuantumScape	QS US	Energy Storage	07/06/2023	13	5	• Lack of board diversity • Dual-class voting structure • Executive remuneration	• Workforce rights and equality • Organisational governance and ethics

Company	Ticker	Building Block	Meeting Date	Resolutions	Votes Against Management	Concerns	Relevant ESG Factor(s)
Stem	STEM US	Energy Efficiency	07/06/2023	8	1	• Lack of board diversity	• Workforce rights and equality
China Longyuan Power	916 HK	Wind	15/06/2023	14	3	• Budget disclosure • Accountability and transparency of articles of association • Share issuance	• Organisational governance and ethics • General transparency and disclosure •
Generac	GNRC US	Enabling Technology	15/06/2023	6	4	• Lack of board diversity • Audit firm remuneration (excessive non-audit fees) • Executive remuneration	• Workforce rights and equality • Auditor objectivity •
Great Wall Motor Company	2333 HK	Electric Vehicles	16/06/2023	24	1	• Equity issuance	• Organisational governance and ethics
Algonquin Power & Utilities	AQN CN	Clean Utilities	20/06/2023	11	0		
Nidec	6594 JP	Electric Vehicles	20/06/2023	7	0		
Rivian Automotive	RIVN US	Electric Vehicles	21/06/2023	5	4	• Lack of board diversity • Classified board and supermajority vote requirements • Executive remuneration	• Workforce rights and equality • Organisational governance and ethics
TPI Composites	TPIC US	Wind	22/06/2023	7	1	• Lack of board diversity	• Workforce rights and equality
Plug Power	PLUG US	Hydrogen	27/06/2023	7	2	• Lack of board diversity • Ineffective internal control over financial reporting	• Workforce rights and equality • Organisational governance and ethics
ChargePoint	CHPT US	Electric Vehicles	18/07/2023	7	2	• Lack of board diversity • Classified board and supermajority vote requirements • Executive remuneration	• Workforce rights and equality • Organisational governance and ethics
GlobalFoundries	GFS US	Enabling Technology	02/08/2023	5	2	• Lack of board diversity	• Workforce rights and equality

Company	Ticker	Building Block	Meeting Date	Resolutions	Votes Against Management	Concerns	Relevant ESG Factor(s)
Innoviz Technologies	INVZ US	Electric Vehicles	12/12/2023	5	1	• Executive remuneration	• Organisational governance and ethics

Source: T8

Appendix 5 – Register of Company Meetings in 2023

Company	Ticker	Building Block	Date	Key ESG factors discussed in meeting
Yadea Group	1585 HK	Electric Vehicles	4/12/2023	• Environmental management processes and oversight • Energy and emissions intensity • Climate risk management • Whole of supply chain environmental stewardship • Workforce rights and equality • Whole of supply chain sustainability stewardship • Organisation governance and ethics
ERO Copper	ERO CN	Critical Materials	30/11/2023	• Environmental management processes and oversight • Environmental compliance • Energy and emissions intensity • Climate risk management • Community management including cultural heritage
Drax Group	DRX LN	Clean Utilities	20/10/2023	• Environmental compliance • Energy and emissions intensity • Climate risk management • Management of ecologically sensitive areas and biodiversity • Whole of supply chain environmental stewardship • Occupational health and safety
American Lithium	LI CN	Critical Materials	20/10/2023	• Environmental management processes and oversight • Environmental compliance • Energy and emissions intensity • Community management including cultural heritage
Pan American Silver	PAAS US	Critical Materials	4/10/2023	• Environmental compliance • Energy and emissions intensity • Management of hazardous materials • Non-hazardous waste management • Water management • Climate risk management • Management of ecologically sensitive areas and biodiversity • Physical security of assets and workforce • Community management including cultural heritage
Nidec	6594 JP	Electric Vehicles	29/9/2023	• Energy and emissions intensity • Climate risk management • Workforce rights and equality • Whole of supply chain sustainability stewardship • Organisation governance and ethics

Company	Ticker	Building Block	Date	Key ESG factors discussed in meeting
Hudbay Minerals	HBM CN	Critical Materials	12/9/2023	• Environmental compliance • Energy and emissions intensity • Management of hazardous materials • Non-hazardous waste management • Climate risk management • Management of ecologically sensitive areas and biodiversity • Community management including cultural heritage
Tesla	TSLA US	Electric Vehicles	15/8/2023	• Whole of supply chain environmental stewardship • Whole of supply chain sustainability stewardship • Organisation governance and ethics • General transparency and disclosure
Bloom Energy	BE US	Hydrogen	8/8/2023	• Environmental management processes and oversight • Energy and emissions intensity • Climate risk management • Whole of supply chain environmental stewardship • Workforce rights and equality • Whole of supply chain sustainability stewardship • Organisation governance and ethics
Silvercorp Metals	SVM US	Critical Materials	23/6/2023	• Environmental management processes and oversight • Environmental compliance • Energy and emissions intensity • Climate risk management • Management of ecologically sensitive areas and biodiversity • Rehabilitation and restoration practices • Community management including cultural heritage
Major Drilling	MDI CN	Critical Materials	22/6/2023	• Energy and emissions intensity • Management of hazardous materials • Non-hazardous waste management • Water management • Climate risk management • Occupational health and safety • Workforce rights and equality • Community management including cultural heritage
Jervois Global	JRV AU	Critical Materials	14/6/2023	• Environmental management processes and oversight • Whole of supply chain environmental stewardship • Whole of supply chain sustainability stewardship

Company	Ticker	Building Block	Date	Key ESG factors discussed in meeting
Qualcomm	QCOM US	Enabling Technology	18/5/2023	• Energy and emissions intensity • Water management • Climate risk management • Whole of supply chain environmental stewardship • Whole of supply chain sustainability stewardship • Organisation governance and ethics
Lundin Mining	LUN CN	Critical Materials	5/5/2023	• Environmental management processes and oversight • Environmental compliance • Management of hazardous materials • Non-hazardous waste management • Water management • Rehabilitation and restoration practices • Community management including cultural heritage
Lundin Mining	LUN CN	Critical Materials	27/4/2023	• Environmental management processes and oversight • Environmental compliance • Energy and emissions intensity • Management of hazardous materials • Non-hazardous waste management • Water management • Climate risk management • Rehabilitation and restoration practices • Management of industrial relations • Physical security of assets and workforce • Workforce rights and equality • Community management including cultural heritage
Trion	Unlisted	Energy Storage	20/4/2023	• Energy and emissions intensity • Management of hazardous materials • Whole of supply chain environmental stewardship • Occupational health and safety • Whole of supply chain sustainability stewardship.
Filo Corp	FIL CN	Critical Materials	20/4/2023	• Environmental management processes and oversight • Energy and emissions intensity • Management of hazardous materials • Non-hazardous waste management • Water management • Climate risk management • Management of ecologically sensitive areas and biodiversity • Community management including cultural heritage

Company	Ticker	Building Block	Date	Key ESG factors discussed in meeting
First Solar	FSLR US	Solar	29/3/2023	• Energy and emissions intensity • Non-hazardous waste management • Climate risk management • Whole of supply chain environmental stewardship • Workforce rights and equality • Whole of supply chain sustainability stewardship • Auditor objectivity.
Wartsila	WRT1V FH	Energy Storage	15/3/2023	• Energy and emissions intensity • Whole of supply chain environmental stewardship • Workforce rights and equality • Whole of supply chain sustainability stewardship • Organisation governance and ethics
Nucor	NUE US	Critical Materials	9/3/2023	• Environmental compliance • Energy and emissions intensity • Management of hazardous materials • Non-hazardous waste management • Climate risk management • Whole of supply chain environmental stewardship • Occupational health and safety • Community management including cultural heritage • Whole of supply chain sustainability stewardship
ChargePoint	CHPT US	Electric Vehicles	8/3/2023	• Environmental management processes and oversight • Energy and emissions intensity • Climate risk management • Whole of supply chain environmental stewardship • Workforce rights and equality • Whole of supply chain sustainability stewardship • Organisation governance and ethics
SolarEdge Technologies	SEDG US	Electric Vehicles	16/2/2023	• Energy and emissions intensity • Climate risk management • Whole of supply chain environmental stewardship • Workforce rights and equality • Whole of supply chain sustainability stewardship • Organisation governance and ethics

Company	Ticker	Building Block	Date	Key ESG factors discussed in meeting
Freeport-McMoRan	FCX US	Solar	20/1/2023	• Environmental management processes and oversight • Management of hazardous materials • Non-hazardous waste management • Rehabilitation and restoration practices • Community management including cultural heritage

Source: T8

Appendix 6 – Calculating GHG emissions metrics

Calculating total GHG emissions

Total carbon emissions aggregates the proportional amount of each portfolio company's emissions (proportional to the amount of stock held).

Calculating total GHG emissions

$$\text{Total GHG emissions (tonnes } CO_2e) = \sum_{i=1}^{N} \left[I_i \times \text{Emissions}_i \times \frac{\text{Investment}_i}{\text{EVIC}_i} \right],$$

where:

I_i	is a scope marker, equal to 1 for assets in scope and with available (reported or estimated) data (0 otherwise)
Emissions_i	are the GHG emissions for company i, in tonnes of CO_2 equivalent
Investment_i	is the total value invested in company i
EVIC_i	is the enterprise value (including cash) of company i, in millions of US dollars, defined as "the sum of the market capitalisation of ordinary shares at fiscal year-end, the market capitalisation of preferred shares at fiscal year-end, and the book values of total debt and minorities' interest" (PCAF)

Source: TCFD

Calculating carbon footprint

Carbon footprint aggregates the proportional amount of each portfolio company's emissions (proportional to the amount of stock held).

Calculating carbon footprint

$$\text{Carbon footprint (tonnes } CO_2e \text{ per million US dollars invested)} = \frac{\sum_{i=1}^{N} \left[I_i \times \frac{\text{Investment}_i}{\text{AUM}} \times \frac{\text{Emissions}_i}{\text{EVIC}_i} \right]}{\sum_{i=1}^{N} \left[I_i \times \frac{\text{Investment}_i}{\text{AUM}} \right]},$$

where:

I_i	is a scope marker, equal to 1 for assets in scope and with available (reported or estimated) data (0 otherwise)
Emissions_i	are the GHG emissions for company i, in tonnes of CO_2 equivalent
Investment_i	is the total value invested in company i
AUM	is the total size of the portfolio
EVIC_i	is the enterprise value (including cash) of company i, in millions of US dollars, defined as "the sum of the market capitalisation of ordinary shares at fiscal year-end, the market capitalisation of preferred shares at fiscal year-end, and the book values of total debt and minorities' interest" (PCAF)

Source: TCFD

Calculating WACI

Weighted average carbon emissions intensity (WACI) is generally accepted to be the most appropriate metric for comparing the emissions intensity of different portfolios of companies.

WACI measures the carbon intensity of a company rather than total carbon emissions. It is the calculation of the tonnes of CO_2 emitted per one million US dollars of company sales. It then aggregates them using the percentage weight of the holding within T8 Energy Vision.

Calculating WACI

$$\text{WACI (tonnes } CO_2\text{e per million US dollars of revenue)} = \frac{\sum_{i=1}^{N}\left[I_i \times \frac{\text{Investment}_i}{\text{AUM}} \times \frac{\text{Emissions}_i}{\text{Revenues}_i}\right]}{\sum_{i=1}^{N}\left[I_i \times \frac{\text{Investment}_i}{\text{AUM}}\right]},$$

where:

I_i	is a scope marker, equal to 1 for assets in scope and with available (reported or estimated) data (0 otherwise)
Emissions_i	are the GHG emissions for company i, in tonnes of CO_2 equivalent
Investment_i	is the total value invested in company i
AUM	is the total size of the portfolio
Revenues_i	are the total revenues of company i, in millions of US dollars

Source: TCFD

The WACI metric therefore normalises for company size – a large global company with large carbon emissions, in absolute terms may have a lower WACI than a smaller company that pollutes less in absolute terms but is less efficient in its processes.

WACI is calculated at a point in time based on the following inputs:

- Portfolio weight – the percentage of the investment portfolio that a particular company comprises (based on the dollar value of a security divided by the total dollar value of the portfolio)
- Greenhouse gas emissions – tonnes of greenhouse gas emitted by a company during the year
- Revenue – total sales revenue generated by a company during the year

The limitations of WACI

WACI is calculated for the portfolio assuming that the portfolio weight remains constant over the course of the year being reported on (it is not a reflection of the emissions of every position owned over the course of a year). In reality, due to a variety of factors such as the natural drift of position weights and active portfolio management means that portfolio weights will not remain the same.

Further, the dynamic nature of the other above-mentioned inputs means that a WACI calculated at two different points in time is likely to vary. WACI outlined in the following graphs is based on portfolio weights as at 31 December 2023 and revenue and GHG emissions for the 2023 calendar year.

The WACI is only ever a snapshot in time and can vary depending on portfolio weights.

Appendix 7 – Assessment of company SDG contribution

Company	Ticker	Building Block	SDG 5	SDG 7	SDG 9	SDG 11	SDG 12	SDG 13	SDG 16
Encavis	ECV GY	Solar	● ○ ○	● ● ●	● ○ ○	● ○ ○	● ○ ○	● ● ●	● ● ●
NextEra Energy	NEE US	Clean Utilities	● ● ○	● ● ○	● ○ ○	● ○ ○	● ● ○	● ○ ○	● ● ○
Orsted	ORSTED DC	Wind	● ● ●	● ● ●	● ● ○	● ○ ○	● ○ ○	● ● ○	● ● ●
China Longyuan Power	916 HK	Wind	● ○ ○	● ● ●	● ○ ○	● ○ ○	● ○ ○	● ○ ○	● ○ ○
MP Materials	MP US	Critical Materials	● ○ ○	● ● ●	● ● ●	● ○ ○	● ○ ○	● ○ ○	● ● ○
Albemarle	ALB US	Critical Materials	● ● ○	● ● ●	● ○ ○	● ○ ○	● ● ●	● ● ○	● ● ○
Alcoa Corporation	AA US	Critical Materials	● ● ○	● ● ●	● ○ ○	● ○ ○	● ● ●	● ● ○	● ● ●
Darling Ingredients	DAR US	Biofuel	● ● ○	● ○ ○	● ○ ○	● ○ ○	● ● ●	● ● ○	● ● ●
Verbio	VBK GY	Biofuel	● ● ○	● ● ●	● ○ ○	● ○ ○	● ● ○	● ○ ○	● ● ●
Generac	GNRC US	Energy Storage	● ○ ○	● ○ ○	● ● ○	● ○ ○	● ● ○	● ○ ○	● ● ●
Advanced Micro Devices	AMD US	Enabling Technology	● ● ○	● ● ●	● ● ●	● ○ ○	● ○ ○	● ● ●	● ● ○
GlobalFoundries	GFS US	Enabling Technology	● ○ ○	● ● ●	● ● ●	● ○ ○	● ● ○	● ○ ○	● ○ ○
Infineon Technologies	IFX GY	Enabling Technology	● ● ●	● ● ●	● ● ●	● ○ ○	● ● ●	● ● ○	● ● ●
Signify	LIGHT NA	Energy Efficiency	● ● ●	● ● ●	● ● ○	● ● ●	● ● ○	● ● ○	● ○ ○
Wolfspeed	WOLF US	Enabling Technology	● ○ ○	● ● ●	● ● ●	● ○ ○	● ○ ○	● ○ ○	● ○ ○
Nel	NEL NO	Hydrogen	● ● ●	● ● ●	● ● ○	● ○ ○	● ○ ○	● ● ○	● ○ ○
Stem	STEM US	Energy Efficiency	● ○ ○	● ● ●	● ● ●	● ● ●	● ○ ○	● ○ ○	● ○ ○
Plug Power	PLUG US	Hydrogen	● ○ ○	● ● ●	● ● ●	● ○ ○	● ● ○	● ● ○	● ● ○
TPI Composites	TPIC US	Wind	● ○ ○	● ● ●	● ○ ○	● ○ ○	● ● ●	● ○ ○	● ○ ○
Nordex	NDX1 GY	Wind	● ● ○	● ● ●	● ● ○	● ○ ○	● ● ○	● ● ○	● ● ○
Xinyi Solar	968 HK	Solar	● ○ ○	● ● ●	● ● ○	● ○ ○	● ● ○	● ○ ○	● ○ ○
SolarEdge Technologies	SEDG US	Solar	● ● ○	● ● ●	● ● ●	● ○ ○	● ○ ○	● ○ ○	● ● ○
Sunrun	RUN US	Solar	● ● ●	● ● ●	● ○ ○	● ○ ○	● ● ○	● ● ○	● ○ ○
Shoals Technologies	SHLS US	Solar	● ○ ○	● ● ●	● ○ ○	● ○ ○	● ○ ○	● ○ ○	● ● ○
Array Technologies	ARRY US	Solar	● ○ ○	● ● ●	● ○ ○	● ○ ○	● ○ ○	● ○ ○	● ● ●
Enphase Energy	ENPH US	Solar	● ○ ○	● ● ●	● ● ●	● ○ ○	● ● ●	● ● ○	● ● ○

Company	Ticker	Building Block	SDG 5	SDG 7	SDG 9	SDG 11	SDG 12	SDG 13	SDG 16
Maxeon Solar Technologies	MAXN US	Solar	● ○ ○	● ● ●	● ● ○	● ○ ○	● ○ ○	● ○ ○	● ○ ○
Meyer Burger Technology	MBTN SW	Solar	● ○ ○	● ● ●	● ● ○	● ○ ○	● ● ○	● ○ ○	● ● ○
Hannon Armstrong Sustainable Infrastructure	HASI US	Solar	● ● ○	● ● ●	● ○ ○	● ○ ○	● ● ○	● ● ○	● ● ○
BYD	1211 HK	Electric Vehicles	● ○ ○	● ● ●	● ● ●	● ● ●	● ● ○	● ○ ○	● ○ ○
Nidec	6594 JP	Electric Vehicles	● ● ○	● ○ ○	● ● ○	● ○ ○	● ○ ○	● ● ○	● ● ●
Volkswagen	VOW GY	Electric Vehicles	● ● ○	● ○ ○	● ● ●	● ○ ○	● ● ●	● ● ○	● ● ●
Innoviz Technologies	INVZ US	Electric Vehicles	● ○ ○	● ● ●	● ● ●	● ● ●	● ○ ○	● ○ ○	● ○ ○
Tesla	TSLA US	Electric Vehicles	● ○ ○	● ● ●	● ● ●	● ● ●	● ● ●	● ● ○	● ● ○
Niu Technologies	NIU US	Electric Vehicles	● ○ ○	● ● ●	● ● ●	● ● ●	● ○ ○	● ○ ○	● ○ ○
ChargePoint	CHPT US	Electric Vehicles	● ● ○	● ● ●	● ● ●	● ● ●	● ● ○	● ○ ○	● ● ○

Source: T8

Legend

● ○ ○ Low ● ● ○ Medium ● ● ● High

Footnote

Criteria/indicators utilised:

- SDG 5 Gender Equality: board (and senior management if reported) >40% female = High; 30-40% = Medium; <30% = Low
- SDG 7 Affordable and Clean Energy: Revenue from clean energy >70% = High, 50-70% = Medium, <50% = Low
- SDG 9 Industry, Innovation and Infrastructure: R&D spend >5% (or >US$1b) of revenue = High; R&D spend 1-5% (or >US$0.5b) of revenue = Medium; <1% or undisclosed R&D spend = Low
- SDG 11 Sustainable Cities and Communities: Revenue from electric vehicles and energy efficiency building blocks >70% = High, 50-70% = Medium, <50% = Low
- SDG 12 Responsible Consumption and Production: sustainability report and formal waste reduction targets = High; either a sustainability report or formal waste reduction targets = Medium; nothing disclosed = Low
- SDG 13 Climate Action: Clear Net Zero commitment and programmes = High; Broad Net Zero commitment = Medium; No Net Zero commitment = Low
- SDG 16 Peace and Justice Strong Institutions: One class of shares and last remuneration report carried by >90% = High; one class of shares and remuneration report carried by >70% = Medium; Multiple classes of shares and last remuneration report carried by <70% = Low

All data sourced from Bloomberg feed in August 2024, apart from net zero programmes which is based on SBTi data (sourced from SBTi website in August 2024) and clean energy revenue percentage which is based on publicly reported sources of revenue including company disclosures. Not every company provides detailed segmented revenue, in these cases we have made estimates based on the company's available public information. This is a lagging indicator and therefore does not represent future growth or capital investment in clean energy. Within our investment themes (renewables, energy storage and electrification and associated value chains including critical materials), we focus on 10 individual industry building blocks relevant to the theme. Each of the building blocks represents an industry that is critical to the goal of the investment theme. We therefore consider 'clean energy' to encompass all industries (and associated revenue) within this proprietary clean energy taxonomy.

For critical materials, clean energy revenue is based on proportion of company revenue associated with the production of critical materials. Individual critical materials are utilised for a variety of purposes in addition to being an input into the manufacturing of clean energy technology. Due to the lack of availability of consistent data on end uses/customers we have not differentiated revenue data based on end use.

Appendix 8 – T8's key responses to the TCFD recommendations

TCFD Recommendation	T8 Response
Governance	**Disclose the organisation's governance around climate-related risks and opportunities**
Board oversight in assessing and managing climate related risks.	In 2023 we enhanced and clarified the investment process and governance structure of T8 to incorporate the following elements of technical insight and oversight functions: • The Investment Committee comprises senior members of the Investment Team together with the Chair of the Board of Triple Eight Capital Pty Ltd (also the Chair of the Advisory Board) as a non-voting observer. The committee leverages the collective experience of its members to make well informed investment decisions based on proprietary assessments of reward and risk in line with the investment process. Each member of the Investment Committee is empowered to veto investment decisions. • The Advisory Board provides deep industry insights and access to broader industry networks (as well as non-fiduciary oversight of the investment process). The Advisory Board receives weekly disclosures detailing performance; attribution; positioning; risk; as well as market and stock commentary. • The Responsible Investment Committee provides non-fiduciary oversight over T8's responsible investment policy as well as T8's ESG strategy, due diligence, stewardship (including engagement) and reporting. • Industry technical analysts provide technical insights (e.g. engineering and scientific) to the investment team which ensures a sound technical basis for investment decision. • The Board/Oversight Committee (of Triple Eight Capital Pty Ltd) is the key oversight function within T8's corporate governance framework. The Oversight Committee meets on a quarterly basis and provides oversight over the governance of the investment process, as well as other aspects of the business which are not directly related to investment (including high level organisational climate risk).
Management oversight in assessing and managing climate related risks.	• Investments are wholly focussed on investing in companies that can genuinely contribute to the transition to clean energy. Assessment of climate related risks are therefore very much at the heart of our investment process and front of mind for our management team. • In addition to our investment philosophy, T8 has a robust ESG analysis embedded in our investment process. Utilising the specialised experience of an ESG Consultant, we perform comprehensive due diligence of companies. Through this, we identify ESG risks (including climate risks) that are then evaluated against our ESG 23 Factor Assessment. Where required, we seek engagements with specific companies for further clarification. • A comprehensive overview of our ESG process is included at page 18 of our Shared Value report.
Strategy	**Disclose the actual and potential impacts of climate-related risks and opportunities on the organisation's business, strategy, and financial planning where such information is material.**
Describe the climate related risks and opportunities the organisation has identified over the short, medium, and long term.	Risks Short term • Challenging regulatory environment that some companies struggle to adhere to. • Challenging economic environment that pushes consumers toward fossil fuels. • Geo-political uncertainty pushing consumers toward fossil fuels. • Technological innovation is stifled by economic challenges causing slowing in update of clean energy technologies. • Extreme weather events that impact some operations (for example hurricanes may have impact on companies that have assets located in high-risk locations, droughts and reduction in river water levels may impact on financial returns from hydroelectric power plants). • Consumer scepticism about the benefits of clean energy. • Investments in companies that currently have material exposure to fossil fuels and therefore risks associated with fossil fuels (e.g. an electric utility which produces the majority of its electricity from sources with no greenhouse gas emissions may operate or have exposure to gas-fired electricity generation assets within its portfolio).

TCFD Recommendation	T8 Response
	Medium and long term • Climate shifts that physically impact some operations (for example floods and rising sea levels may have impact on companies that have assets located in high risk locations). ISS have assessed the physical risk exposure of companies, including exposure to drought, flood, heat stress, tropical cyclone and wildfire. The Total Likely Physical Risk Score assesses the total physical risk considering a likely climate-change scenario. The score ranks the issuer's change in risk exposure relative to its sector on a scale 1-100. A score of 1 corresponds to the highest relative risk exposure while a score of 100 corresponds to null or negligeable physical risk exposure. A score of 50 indicates that the issuer's physical risk exposure is close to or equal to the sector median. Scores for portfolio companies held on 31 December 2023 are detailed in the following table 'Climate Risk Assessment of Portfolio Companies'. ISS also assesses how well a company takes into consideration physical risks in its risk management strategy. The Physical Risk Management Score has defined four categories: None/Not-covered (0), Weak (20), Moderate (60), and Robust (100). A company must report to the CDP to have a score value. Scores for portfolio companies held on 31 December 2023 are detailed in the following table 'Climate Risk Assessment of Portfolio Companies'. In summary, 6% of the portfolio was considered to be in the weak category, 6% in the moderate category and 9% in the robust category (for 79% of the portfolio there was insufficient data to determine a score). Opportunities • A shift in the way that people consume energy toward renewable products and away from fossil fuels. • Technology improvements that mean greater energy efficiency and cheaper renewables (and drive consumers away from emissions intensive sectors). • Increased demand for investment products with: • An investment strategy that has invests in clean energy solutions; and • genuine, embedded ESG processes. ISS has assessed the overall Carbon Risk Rating for companies. This rating is a numeric score from 0 to 100 predicated on an assessment of over 100 industry-specific indicators and a carbon risk classification at the industry and sub-industry levels. The Carbon Risk Rating assesses the climate-related performance of companies, taking into account industry-specific challenges and risk profiles as well as a company's positive impact. Factors that the carbon risk rating considers include: • Company's CO_2 efficiency, as well as its capacity to seize climate-related opportunities and manage its industry-specific climate risks in the future. • Relevant aspects of a company's entire value chain (supply chain, production, products & services). • Considers the extent to which a company in a given industry is exposed to CO_2 risks. • Favours companies from sectors contributing to the solving of climate change challenges, i.e. sectors with a high share of clean tech solutions. • Penalises companies from sectors causing the highest greenhouse gas emissions along their value chain, i.e. sectors not compatible with climate change mitigation. A company's performance category will be labelled "Climate Leader" if the CRR score is between 75 and 100, "Climate Outperformer" if the CRR score is between 50 and 74, "Climate Medium Performer" if the CRR score is between 25 and 49, "Climate Laggard" if the CRR score is between 0 and 24 and "Not Covered" when the position's carbon risk rating is "Not Applicable" or "Not Collected". Ratings for portfolio companies held on 31 December 2023 are detailed in the following table 'Climate Risk Assessment of Portfolio Companies'. In summary, 32% of portfolio companies are considered "Climate Leaders", 15% are considered "Climate Outperformers", 18% are considered "Climate Medium Performers" and 9% are considered "Climate Laggards" (for 26% of the portfolio there was insufficient data to make a determination).
Describe the impact of climate related risks and opportunities on the organisation's business, strategy, and financial planning.	• Management of climate related risks and opportunities is intrinsic to T8 Energy Vision's strategy and is embedded across our investment process. • Climate risk is also one of the organisational risks that we assess as part of the annual risk review for T8 that occurs as part of the Annual Business Planning process. The Annual Business Plan is reviewed/considered by the Board and Oversight Committee.

TCFD Recommendation	T8 Response
Describe the resilience of the organisation's strategy, taking into consideration different climate related scenarios, including a 2 degree or lower scenario	• We have not yet performed detailed scenario analysis, however the portfolio is specifically constructed to identify companies that will both enable and benefit from the transition to cleaner forms of energy. We believe that this portfolio construction and therefore the strategy of T8 Energy Vision will be resilient to the different possible climate related scenarios that may eventuate. • T8 Energy Vision is a global equities fund dedicated to investing in companies critical to the clean energy transition: renewables, energy storage and electrification and associated value chains including critical materials. By investing in companies involved in manufacturing or resource extraction, T8 Energy Vision however will not by its nature be a low carbon emissions portfolio relative to the broader listed global equity market and may have investments in companies that currently have material exposure to fossil fuels (e.g. an electric utility which produces the majority of its electricity from sources with no greenhouse gas emissions may operate or have exposure to gas-fired electricity generation assets within its portfolio).
Describe how risks and opportunities are factored into investment strategies	• T8 Energy Vision is wholly invested in companies that both enable and benefit from the transition to clean energy. Consideration of climate risks is therefore intrinsic to the investment strategy of T8 Energy Vision. • In addition to this, T8 adopts a rigorous approach to assessing company ESG practices and investment stewardship to ensure that we accurately understand and consider the climate risk in the companies in which we are invested. Our ESG approach is comprehensively described in our Responsible Investment Policy which is available on our website.
Risk Management	**Disclose how the organisation identifies, assesses, and manages climate-related risks.**
Describe the organisation's process for identifying and assessing climate related risks.	• Identifying, assessing, and managing climate risk occurs both at the organisational and portfolio level. • Climate risk is one of the organisational risks that we assess as part of the annual risk review for T8 that occurs as part of the Annual Business Planning process. • At a portfolio level, our investment strategy is predicated upon identifying companies that can both contribute to and benefit from the transition to cleaner forms of energy. On this basis, we are constantly looking to identify those companies who contribute to lower emissions (whether that be through the energy that they produce or their contribution to the value chain). There are four key pillars to our ESG approach: • Pillar 1 – Screening (investment focus is dedicated to clean energy) • Pillar 2 – ESG due diligence and our proprietary 23 factor ESG assessment • Pillar 3 – Active ownership/stewardship • Pillar 4 – Reporting
Describe the organisation's process for managing climate related risks.	• Refer above

TCFD Recommendation	T8 Response
Describe how processes for identifying, assessing, and managing climate related risks are integrated into the organisation's overall risk management.	Identifying climate risks • Climate risks will be identified through both our screening process (pillar 1) and Due Diligence process (Pillar 2). • Our screening process (pillar 1) ensures that companies must have both 'clean intent' and if a company passes our 'clean energy intent' and 'clean enough' assessments, it is prioritised for a formal ESG assessment. The first part of our screening process (pillar 1) considers whether the company has a 'clean energy intent': • Is a direct producer of clean energy for example, operates wind turbines; or • Produces an input which is critical to the value chain of clean energy (from a critical raw material such as copper to a manufactured component such as a microchip). For those companies that do meet this threshold, we ask a further question of whether the company is 'clean enough'. We have developed several industry specific hurdles which guide our assessment of this issue: • Automotive - transformation from Internal Combustion Engines (ICE) to 100% EV production by 2035 (passenger cars). • Utilities – must derive more than 50% of revenue from the production/distribution of zero-emission energy (e.g. renewables and/or nuclear) and have a credible strategy to continue the shift to clean energy. • Energy – must derive more than 50% of revenue from the production/distribution of clean energy and have a credible strategy to continue the shift to clean energy. • Critical Materials – the material must be a critical input in the supply chain of clean energy. Of the top 100 global producers of metals, fewer than 10 pass our initial clean energy intent and clean enough assessments. All coal mining is excluded. • All other companies must derive more than 50% of revenue from clean energy enabling activities. We review these hurdles annually and anticipate tightening them over time to ensure we are investing in the leaders of sustainable change. • Climate risks will also be identified in our Due Diligence process (Pillar 2). If a company passes our 'clean energy intent' and 'clean enough' assessments, it is prioritised for a formal ESG assessment. to flag climate risks which we then evaluate utilising our ESG 23 Factor Assessment. 'Energy and emissions intensity' and 'climate risk management' are two of the ESG factors we consider as part of this assessment. Managing climate risks • Many companies exposed to significant climate risks will be excluded from investment in T8 Energy Vision since they would not be considered to have both a 'clean intent' and be 'clean enough' and therefore do not pass our initial screening process (Pillar 1). • Once a climate risk has been identified and evaluated in our Due Diligence process (Pillar 2), depending on the scale of the risk it may then be added to our 'High Priority' monitoring watchlist. These companies are automatically included in the agenda of daily portfolio meetings and weekly advisory board reports. A higher priority is placed on monitoring the news flow on issues associated with these companies. We also utilise our direct engagements with companies (Pillar 3) to continuously encourage them to improve their performance across a range of areas to influence and drive positive change. • We have a strict investment process that we follow in respect of every investment that we make. ESG research and risk assessments are a key element of T8's fundamental research, analysis and valuations of stocks. Fundamental stock specific risk is calculated based on ESG risk and qualitative risk assessments. Fundamental recommendation on position size is based on a matrix of risk and reward. Therefore, a high ESG risk company which is low or medium qualitative risk, will push it to high risk and limit position size.

TCFD Recommendation	T8 Response
Describe engagement with investee companies to encourage better disclosure and practices related to climate related risks.	• Through our robust ESG assessments, we identify climate risks and, where appropriate, seek engagements with those companies where we want to obtain a better understanding of the risks. • Net Zero commitments are one of the areas that has been prioritised by default in relation to company engagements. We monitor the decarbonisation strategies of companies to better understand our exposure to transition risk. Companies with decarbonisation targets supported by clear action plans provide us with confidence that they are managing risk and are ready to take advantage of the opportunities that transition presents. Across our 31 December 2023 holdings: • Bloomberg data indicates 41% companies have a net zero target; • 6% have targets approved by the Science-based Target Initiative (SBTi); and • An additional 24% (to those that have SBTi targets) have committed to developing targets approved by the Science-based Targets initiative (SBTi). In addition, we believe that companies should be looking to set interim Net Zero targets which are appropriate, ambitious, and accountable as well as a decarbonisation strategy which outlines actions to address emissions reduction, in alignment with targets.
Metrics & Targets	**Disclose the metrics and targets used to assess and manage relevant climate-related risks and opportunities where such information is material.**
Disclose the metrics used by the organisation to assess climate related risks and opportunities in line with strategy and risk management processes.	• WACI, total GHG (refer Tables 4 and 5 and Figures 7 and 8).
Disclose scope 1 and 2 and, if appropriate, scope 3 GHG emissions and the related risks.	• Refer Tables 3 and 4 and Figures 5, 6, 7 and 8 for details of GHG emissions. • T8 is committed to achieving net zero by 2050 and has signed up to the Net Zero Asset Managers Initiative and is currently finalising interim targets.
Describe the targets used by the organisation to manage climate related risks and opportunities and performance against targets.	• We have not yet set targets for our operational emissions.

Source: TCFD, T8

Climate Risk Assessment of Portfolio Companies (for portfolio companies as at 31 December 2023)

Company	ISS Climate Emissions Data Source	ISS Carbon Risk Rating	ISS Carbon Risk Categorisation	ISS Climate Total Physical Risk Score	ISS Climate Physical Risk Management Score	ISS Climate Physical Risk Management Categorisation
Wolfspeed	CDP	46	Climate Medium Performer	51	100	Robust
TPI Composites	Sustainability or Annual Reports	100	Climate Leader	39	Not Collected	Not Collected
Alcoa	Sustainability or Annual Reports	44	Climate Medium Performer	80	Not Collected	Not Collected
Nidec	CDP	43	Climate Medium Performer	42	20	Weak
Nordex	Sustainability or Annual Reports	100	Climate Leader	75	Not Collected	Not Collected
Xinyi Solar	Sustainability or Annual Reports	100	Climate Leader	36	Not Collected	Not Collected
Plug Power	Modelled Emissions	48	Climate Medium Performer	57	Not Collected	Not Collected
Stem	Modelled Emissions	20	Climate Laggard	Not Collected	Not Collected	Not Collected
Orsted	Sustainability or Annual Reports	100	Climate Leader	68	100	Robust
SolarEdge Technologies	Sustainability or Annual Reports	100	Climate Leader	100	Not Collected	Not Collected
Niu Technologies	Modelled Emissions	Not Collected	Not Collected	Not Collected	Not Collected	Not Collected
Shoals Technologies	Modelled Emissions	76	Climate Leader	Not Collected	Not Collected	Not Collected
MP Materials	Sustainability or Annual Reports	16	Climate Laggard	Not Collected	Not Collected	Not Collected
China Longyuan Power	Other Reported	82	Climate Leader	37	Not Collected	Not Collected
Array Technologies	Sustainability or Annual Reports	100	Climate Leader	Not Collected	Not Collected	Not Collected
Sunrun	Sustainability or Annual Reports	100	Climate Leader	47	Not Collected	Not Collected
Nel	Sustainability or Annual Reports	63	Climate Outperformer	56	Not Collected	Not Collected
Enphase Energy	Sustainability or Annual Reports	100	Climate Leader	64	Not Collected	Not Collected
ChargePoint	Modelled Emissions	54	Climate Outperformer	Not Collected	Not Collected	Not Collected

Company	ISS Climate Emissions Data Source	ISS Carbon Risk Rating	ISS Carbon Risk Categorisation	ISS Climate Total Physical Risk Score	ISS Climate Physical Risk Management Score	ISS Climate Physical Risk Management Categorisation
Tesla	Sustainability or Annual Reports	77	Climate Leader	46	Not Collected	Not Collected
Infineon Technologies	Sustainability or Annual Reports	57	Climate Outperformer	42	Not Collected	Not Collected
Meyer Burger Technology	Not Collected	Not Collected	Not Collected	Not Collected	Not Collected	Not Collected
Albemarle	Sustainability or Annual Reports	47	Climate Medium Performer	56	100	Robust
Advanced Micro Devices	CDP	60	Climate Outperformer	43	60	Moderate
Darling Ingredients	CDP	42	Climate Medium Performer	58	20	Weak
Encavis	Not Collected	Not Collected	Not Collected	Not Collected	Not Collected	Not Collected
Generac	Modelled Emissions	23	Climate Laggard	61	Not Collected	Not Collected
Maxeon Solar Technologies	Not Collected	Not Collected	Not Collected	Not Collected	Not Collected	Not Collected
NextEra Energy	Sustainability or Annual Reports	63	Climate Outperformer	40	60	Moderate
Verbio	Not Collected	Not Collected	Not Collected	Not Collected	Not Collected	Not Collected
GlobalFoundries	Not Collected	Not Collected	Not Collected	Not Collected	Not Collected	Not Collected
Hannon Armstrong Sustainable Infrastructure	Not Collected	Not Collected	Not Collected	Not Collected	Not Collected	Not Collected
Signify	Not Collected	Not Collected	Not Collected	Not Collected	Not Collected	Not Collected
Innoviz Technologies	Not Collected	Not Collected	Not Collected	Not Collected	Not Collected	Not Collected

Source: ISS (based on data provided by ISS in 2022)

Footnote

A company's performance category will be labelled "Climate Leader" if the CRR score is between 75 and 100, "Climate Outperformer" if the CRR score is between 50 and 74, "Climate Medium Performer" if the CRR score is between 25 and 49, "Climate Laggard" if the CRR score is between 0 and 24. ISS also assesses how well a company takes into consideration physical risks in its risk management strategy. The Physical Risk Management Score has defined four categories: None/Not-covered (0), Weak (20), Moderate (60), and Robust (100). A company must report to the CDP to have a score value.

Contact us

Please reach out to the T8 team for additional detail on anything discussed in this report at info@t8cap.com

Important notice

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You should obtain a copy of the Product Disclosure Statement before making a decision about whether to invest in this product. A Target Market Determination describes who this financial product is likely to be appropriate for (i.e. the target market), and any conditions around how the product can be distributed to investors. It also describes the events or circumstances where the Target Market Determination for this financial product may need to be reviewed. The Product Disclosure Statement and Target Market Determination for T8 Energy Vision is available at https://t8cap.com/how-to-invest/.

Risk warning: T8 Energy Vision will not necessarily be invested in all of the areas mentioned in this material at any given time. New technologies not listed in this material may emerge which may benefit from the changing dynamics of energy markets. It is therefore not possible to exhaustively list all areas in which T8 Energy Vision may invest. By investing in companies involved in manufacturing or resource extraction, T8 Energy Vision will not by its nature be a low carbon emissions portfolio relative to the broader listed global equity market and may have investments in companies that currently have material exposure to fossil fuels (e.g. an electric utility which produces the majority of its electricity from sources with no greenhouse gas emissions may operate or have exposure to gas-fired electricity generation assets within its portfolio).

Acknowledgment of country

T8 acknowledges the first peoples of the lands on which we invest, work and live. We honour their enduring connection to the land, water, and cultures. We recognise their unique contribution to our society's rich and diverse history.

We pay our respects to all people, including those with different backgrounds, cultures, and faiths to our own. We celebrate the efforts of individuals and communities working towards an inclusive and prosperous future.

We affirm our commitment to honouring the traditions and wisdom learned through our past and strive to advance a bipartisan approach to solving society's greatest present and future challenges.

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