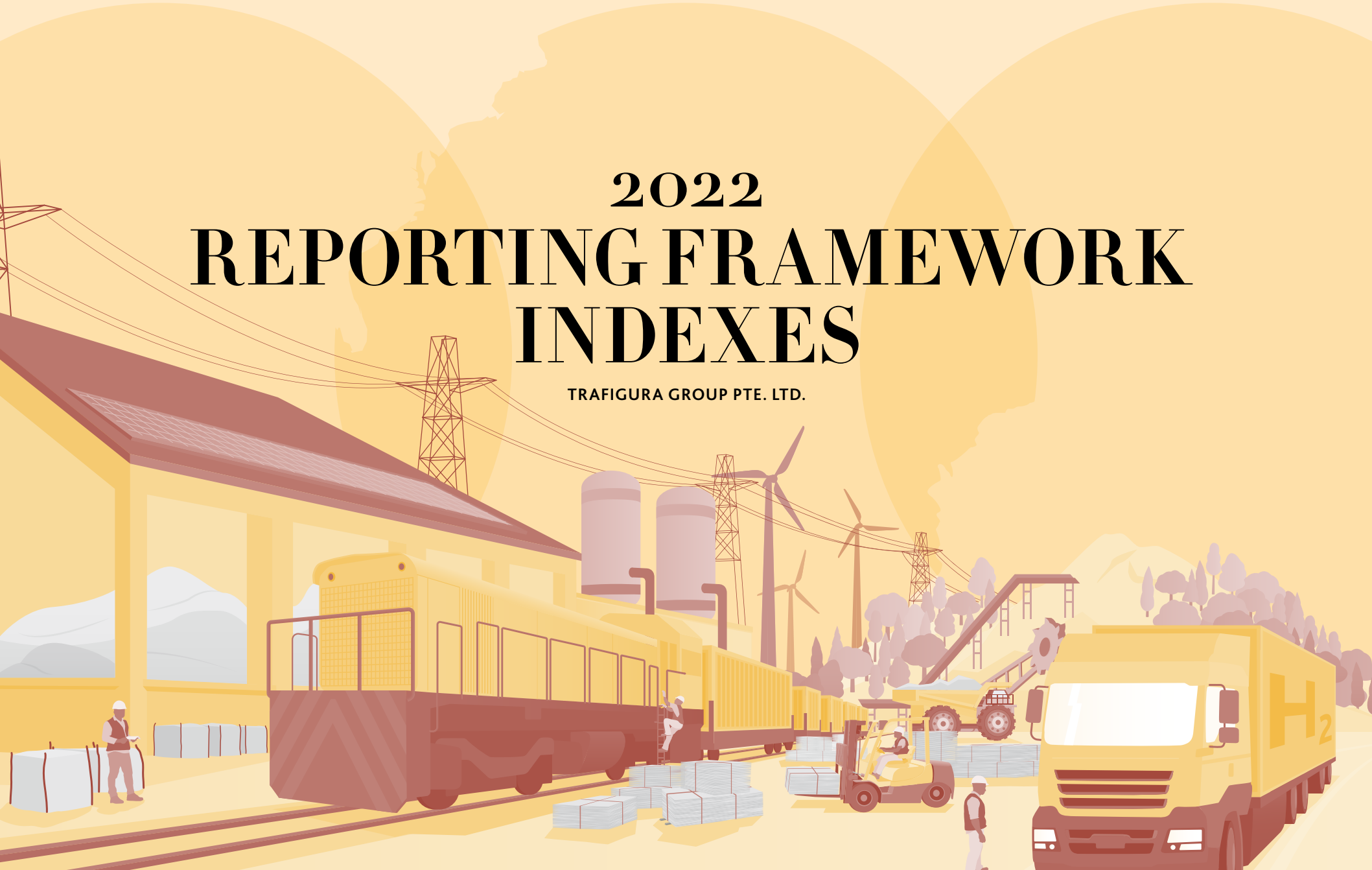




2022 REPORTING FRAMEWORK INDEXES

TRAFIGURA GROUP PTE. LTD.



About this index

This content index accompanies Trafigura's 2022 Sustainability Report and 2022 ENVIRONMENTAL, SOCIAL, GOVERNANCE (ESG) Data Book which has been prepared in accordance with Global Reporting Initiative (GRI) Standards, the Task Force on Climate-Related Financial Disclosures (TCFD) and the World Economic Forum's set of core and expanded 'Stakeholder Capitalism Metrics' and disclosures. It is designed to help stakeholders locate the relevant disclosures against each reporting standard.

The data in this report relates to the reporting period from 1 October 2021 to 30 September 2022, unless otherwise stated.

Contents

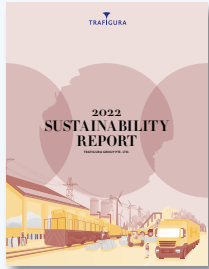
04 GRI Index

- 04 General disclosures
- 09 Economic indicators
- 11 Ecology indicators
- 15 Social indicators

19 WEF Stakeholder Capitalism Metrics Index

22 Trafigura 2022 TCFD Index

2022 Sustainability Report



www.trafigura.com/2022SR

2022 ESG Data Book



www.trafigura.com/2022SR

2022 Annual Report



www.trafigura.com/brochure/2022-trafigura-annual-report/

2022 Human Rights Report



www.trafigura.com/resource-centre/publications

2022 Payments to Governments Report



www.trafigura.com/resource-centre/publications

2022 Modern Slavery Statement



www.trafigura.com/resource-centre/publications

HSEC Business Principles



www.trafigura.com/brochure/trafigura-hsec-business-principles

Corporate Responsibility Policy



www.trafigura.com/brochure/trafigura-corporate-responsibility-policy

Code of Business Conduct



www.trafigura.com/brochure/trafigura-code-of-business-conduct

The Way we Work



www.trafigura.com/brochure/the-way-we-work/

Responsible Sourcing and Supply Chain Expectations



<https://www.trafigura.com/brochure/responsible-sourcing-and-supply-chain-expectations>

GRI Index

Disclosure Number	Aspect	GRI Disclosure	Reference	Full/Partial
GRI Index – General disclosures				
The organisation and its reporting practices				
2-1	Organisational details	The organisation shall: <ol style="list-style-type: none"> Report its legal name; Report its nature of ownership and legal form; Report the location of its headquarters; Report its countries of operation. 	2022 Sustainability Report: <ul style="list-style-type: none"> Who we are, page 2–3 About this report, page 70 Contents page www.trafigura.com	Full
2-2	Entities included in the organisation's sustainability reporting	The organisation shall: <ol style="list-style-type: none"> List all its entities included in its sustainability reporting; If the organisation has audited consolidated financial statements or financial information filed on public record, specify the differences between the list of entities included in its financial reporting and the list included in its sustainability reporting; If the organisation consists of multiple entities, explain the approach used for consolidating the information, including: <ol style="list-style-type: none"> Whether the approach involves adjustments to information for minority interests; how the approach takes into account mergers, acquisitions, and disposal of entities or parts of entities; Whether and how the approach differs across the disclosures in this Standard and across material topics. 	2022 Sustainability Report: <ul style="list-style-type: none"> Who we are, page 2–3 Our business: Responsibly connecting the world's resources, page 10 Governance and policy framework, page 12 About this report, page 70 2022 Annual Report: <ul style="list-style-type: none"> Performance Review: Assents and Investments, page 32 - 37 	Full
2-3	Reporting period, frequency and contact point	The organisation shall: <ol style="list-style-type: none"> Specify the reporting period for, and the frequency of, its sustainability reporting; Specify the reporting period for its financial reporting and, if it does not align with the period for its sustainability reporting, explain the reason for this; Report the publication date of the report or reported information; Specify the contact point for questions about the report or reported information. 	Reporting period runs from 1 October 2021 to 30 September 2022 2022 Annual Report published in December 2022 2022 Sustainability Report published in January 2023 enquiries@trafigura.com 2022 Sustainability Report: <ul style="list-style-type: none"> About this report, page 70 	Full
Activities and workers				
2-6	Activities, value chain and other business relationships	<ol style="list-style-type: none"> Report the sector(s) in which it is active; Describe its value chain, including: <ol style="list-style-type: none"> The organisation's activities, products, services, and markets served; The organisation's supply chain; The entities downstream from the organisation and their activities; Report other relevant business relationships; Describe significant changes in 2-6-a, 2-6-b, and 2-6-c compared to the previous reporting period. 	2022 Sustainability Report: <ul style="list-style-type: none"> Who we are, page 2 - 3 Our business: Responsibly connecting the world's resources, page 10 - 11 About this report, page 70 - 71 Contents page www.trafigura.com	Full

Disclosure Number	Aspect	GRI Disclosure	Reference	Full/Partial
GRI Index – General disclosures				
Activities and workers (Continued)				
2-7	Employees	<p>The organisation shall:</p> <ol style="list-style-type: none"> Report the total number of employees, and a breakdown of this total by gender and by region; Report the total number of: <ol style="list-style-type: none"> Permanent employees, and a breakdown by gender and by region; Temporary employees, and a breakdown by gender and by region; Non-guaranteed hours employees, and a breakdown by gender and by region; Full-time employees, and a breakdown by gender and by region; Part-time employees, and a breakdown by gender and by region; Describe the methodologies and assumptions used to compile the data, including whether the numbers are reported: <ol style="list-style-type: none"> In head count, full-time equivalent (FTE), or using another methodology; At the end of the reporting period, as an average across the reporting period, or using another methodology; Report contextual information necessary to understand the data reported under 2-7-a and 2-7-b; Describe significant fluctuations in the number of employees during the reporting period and between reporting periods. 	<p>2022 Sustainability Report:</p> <ul style="list-style-type: none"> Sustainability performance summary, page 4 Our people: A diverse and talented workforce, page 60 <p>2022 ENVIRONMENTAL, SOCIAL, GOVERNANCE (ESG) Data Book: Our People</p>	Full
2-8	Workers who are not employees	<p>The organisation shall:</p> <ol style="list-style-type: none"> Report the total number of workers who are not employees and whose work is controlled by the organisation and describe: <ol style="list-style-type: none"> The most common types of worker and their contractual relationship with the organisation; The type of work they perform; Describe the methodologies and assumptions used to compile the data, including whether the number of workers who are not employees is reported: <ol style="list-style-type: none"> In head count, full-time equivalent (FTE), or using another methodology; At the end of the reporting period, as an average across the reporting period, or using another methodology; Describe significant fluctuations in the number of workers who are not employees during the reporting period and between reporting periods. 	<p>2022 Sustainability Report:</p> <ul style="list-style-type: none"> Our people: A diverse and talented workforce, page 60 <p>2022 ENVIRONMENTAL, SOCIAL, GOVERNANCE (ESG) Data Book:</p> <ul style="list-style-type: none"> Our people 	Partial

Disclosure Number	Aspect	GRI Disclosure	Reference	Full/Partial
GRI Index – General disclosures				
Governance				
2-9	Governance structure and composition	<p>The organisation shall:</p> <ol style="list-style-type: none"> Describe its governance structure, including committees of the highest governance body; List the committees of the highest governance body that are responsible for decisionmaking on and overseeing the management of the organisation's impacts on the economy, environment, and people; Describe the composition of the highest governance body and its committees by: <ol style="list-style-type: none"> Executive and non-executive members; Independence; Tenure of members on the governance body; Number of other significant positions and commitments held by each member, and the nature of the commitments; Gender; Under-represented social groups; Competencies relevant to the impacts of the organisation; Stakeholder representation. 	<p>2022 Sustainability Report:</p> <ul style="list-style-type: none"> Our business: Responsibly connecting the world's resources, page 10 Our approach: Governance and policy framework, page 12 <p>2022 Annual Report</p>	Partial
2-11	Chair of the highest governance body	<p>The organisation shall:</p> <ol style="list-style-type: none"> Report whether the chair of the highest governance body is also a senior executive in the organisation; If the chair is also a senior executive, explain their function within the organisation's management, the reasons for this arrangement, and how conflicts of interest are prevented and mitigated. 	<p>2022 Sustainability Report:</p> <ul style="list-style-type: none"> Our business: Responsibly connecting the world's resources, page 10 Our approach: Governance and policy framework, page 12 <p>2022 Annual Report</p>	Partial
2-12	Role of the highest governance body in overseeing the management of impacts	<p>The organisation shall:</p> <ol style="list-style-type: none"> Describe the role of the highest governance body and of senior executives in developing, approving, and updating the organisation's purpose, value or mission statements, strategies, policies, and goals related to sustainable development; Describe the role of the highest governance body in overseeing the organisation's due diligence and other processes to identify and manage the organisation's impacts on the economy, environment, and people, including: <ol style="list-style-type: none"> Whether and how the highest governance body engages with stakeholders to support these processes; How the highest governance body considers the outcomes of these processes; Describe the role of the highest governance body in reviewing the effectiveness of the organisation's processes as described in 2-12-b, and report the frequency of this review. 	<p>2022 Sustainability Report:</p> <ul style="list-style-type: none"> Our business: Responsibly connecting the world's resources, page 10 Our approach: Governance and policy framework, page 12 - 13 <p>2022 Annual Report:</p> <ul style="list-style-type: none"> Corporate Governance: Board of Directors and Committees, page 42 - 43 	Partial
2-13	Delegation of responsibility for managing impacts	<p>The organisation shall:</p> <ol style="list-style-type: none"> Describe how the highest governance body delegates responsibility for managing the organisation's impacts on the economy, environment, and people, including: <ol style="list-style-type: none"> Whether it has appointed any senior executives with responsibility for the management of impacts; Whether it has delegated responsibility for the management of impacts to other employees; Describe the process and frequency for senior executives or other employees to report back to the highest governance body on the management of the organisation's impacts on the economy, environment, and people. 	<p>2022 Sustainability Report:</p> <ul style="list-style-type: none"> Our approach: Governance and policy framework, page 12 - 13 <p>2022 Annual Report:</p> <ul style="list-style-type: none"> Corporate Governance: Board of Directors and Committees, page 42 - 43 	Full
2-16	Communication of critical concerns	<p>The organisation shall:</p> <ol style="list-style-type: none"> Describe whether and how critical concerns are communicated to the highest governance body; Report the total number and the nature of critical concerns that were communicated to the highest governance body during the reporting period. 	<p>2022 Sustainability Report:</p> <ul style="list-style-type: none"> Our approach: Governance and policy framework, page 13 <p>2022 ENVIRONMENTAL, SOCIAL, GOVERNANCE (ESG) Data Book:</p> <ul style="list-style-type: none"> Human Rights 	Partial

Disclosure Number	Aspect	GRI Disclosure	Reference	Full/Partial
GRI Index – General disclosures				
Strategy, policies and practices				
2-22	Statement on sustainable development strategy	<p>The organisation shall:</p> <p>a. Report a statement from the highest governance body or most senior executive of the organisation about the relevance of sustainable development to the organisation and its strategy for contributing to sustainable development.</p>	<p>2022 Sustainability Report:</p> <ul style="list-style-type: none"> Statement from the Executive Chairman and Chief Executive Officer, page 6 - 8 	Full
2-23	Policy commitments	<p>The organisation shall:</p> <p>a. Describe its policy commitments for responsible business conduct, including:</p> <ol style="list-style-type: none"> The authoritative intergovernmental instruments that the commitments reference; Whether the commitments stipulate conducting due diligence; Whether the commitments stipulate applying the precautionary principle; Whether the commitments stipulate respecting human rights; <p>b. Describe its specific policy commitment to respect human rights, including:</p> <ol style="list-style-type: none"> The internationally recognised human rights that the commitment covers; The categories of stakeholders, including at-risk or vulnerable groups, that the organisation gives particular attention to in the commitment; <p>c. Provide links to the policy commitments if publicly available, or, if the policy commitments are not publicly available, explain the reason for this;</p> <p>d. Report the level at which each of the policy commitments was approved within the organisation, including whether this is the most senior level;</p> <p>e. Report the extent to which the policy commitments apply to the organisation's activities and to its business relationships;</p> <p>f. Describe how the policy commitments are communicated to workers, business partners, and other relevant parties.</p>	<p>2022 Sustainability Report:</p> <ul style="list-style-type: none"> Our approach: Governance and policy framework, page 12 - 13 Compliance and Conduct: Maintaining a robust compliance culture, page 16 <p>www.trafigura.com</p>	Full
2-25	Processes to remediate negative impacts	<p>The organisation shall:</p> <p>a. Describe its commitments to provide for or cooperate in the remediation of negative impacts that the organisation identifies it has caused or contributed to;</p> <p>b. Describe its approach to identify and address grievances, including the grievance mechanisms that the organisation has established or participates in;</p> <p>c. Describe other processes by which the organisation provides for or cooperates in the remediation of negative impacts that it identifies it has caused or contributed to;</p> <p>d. Describe how the stakeholders who are the intended users of the grievance mechanisms are involved in the design, review, operation, and improvement of these mechanisms;</p> <p>e. Describe how the organisation tracks the effectiveness of the grievance mechanisms and other remediation processes, and report examples of their effectiveness, including stakeholder feedback.</p>	<p>2022 Sustainability Report:</p> <ul style="list-style-type: none"> Statement from the Executive Chairman and Chief Executive Officer, page 6 Compliance and conduct: Maintaining a robust compliance culture, page 16 Transparency and engagement: Underpinning confidence in the commodity value chain, page 20 Responsible value chains: Engaging to uphold and improve standards, page 24 Human Rights: Respect for human rights, page 58 	Partial
2-26	Mechanisms for seeking advice and raising concerns	<p>The organisation shall:</p> <p>a. Describe the mechanisms for individuals to:</p> <ol style="list-style-type: none"> Seek advice on implementing the organisation's policies and practices for responsible business conduct; Raise concerns about the organisation's business conduct. 	<p>2022 Sustainability Report:</p> <ul style="list-style-type: none"> Compliance and conduct: Maintaining a robust compliance culture, page 16 Responsible value chains: Engaging to uphold and improve standards, page 24 Human Rights: Respect for human rights, page 58 <p>2022 ENVIRONMENTAL, SOCIAL, GOVERNANCE (ESG) Data Book:</p> <ul style="list-style-type: none"> Human Rights 	Full

Disclosure Number	Aspect	GRI Disclosure	Reference	Full/Partial
GRI Index – General disclosures				
Strategy, policies and practices (Continued)				
2-28	Membership associations	<p>The organisation shall:</p> <p>a. Report industry associations, other membership associations, and national or international advocacy organisations in which it participates in a significant role.</p>	<p>2022 Sustainability Report:</p> <ul style="list-style-type: none"> • Our business: Responsibly connecting the world's resources, page 10 • Transparency and engagement: Underpinning confidence in the commodity value chain, page 20 • Human Rights: Respect for human rights, page 58 	Full
Stakeholder engagement				
2-29	Approach to stakeholder engagement	<p>The organisation shall:</p> <p>a. Describe its approach to engaging with stakeholders, including:</p> <ol style="list-style-type: none"> The categories of stakeholders it engages with, and how they are identified; The purpose of the stakeholder engagement; How the organisation seeks to ensure meaningful engagement with stakeholders. 	<p>2022 Sustainability Report:</p> <ul style="list-style-type: none"> • Our business: Responsibly connecting the world's resources, page 10 • Transparency and engagement: Underpinning confidence in the commodity value chain, page 20 • Human Rights: Respect for human rights, page 58 	Full
2-30	Collective bargaining agreements	<p>The organisation shall:</p> <p>a. Report the percentage of total employees covered by collective bargaining agreements;</p> <p>b. For employees not covered by collective bargaining agreements, report whether the organisation determines their working conditions and terms of employment based on collective bargaining agreements that cover its other employees or based on collective bargaining agreements from other organisations.</p>	<p>2022 Sustainability Report:</p> <ul style="list-style-type: none"> • Our people: A diverse and talented workforce, page 60 <p>2022 ENVIRONMENTAL, SOCIAL, GOVERNANCE (ESG) Data Book:</p> <ul style="list-style-type: none"> • Our people 	Partial

Disclosure Number	Aspect	GRI Disclosure	Reference	Full/Partial
GRI Index – Economic indicators				
Disclosures on material topics				
3-1	Process to determine material topics	<p>The organisation shall:</p> <ol style="list-style-type: none"> a. Describe the process it has followed to determine its material topics, including: <ol style="list-style-type: none"> i. How it has identified actual and potential negative and positive impacts on the economy, environment, and people, including impacts on their human rights, across its activities and business relationships; ii. How it has prioritised the impacts for reporting based on their significance; b. Specify the stakeholders and experts whose views have informed the process of determining its material topics. 	<p>2022 Sustainability Report:</p> <ul style="list-style-type: none"> • Our business: Responsibly connecting the world's resources, page 10 - 11 	Full
3-2	List of material topics	<p>The organisation shall:</p> <ol style="list-style-type: none"> a. List its material topics; b. Report changes to the list of material topics compared to the previous reporting period. 	<p>2022 Sustainability Report:</p> <ul style="list-style-type: none"> • Our business: Responsibly connecting the world's resources, page 10 - 11 	Full
3-3	Management of material topics	<p>For each material topic reported under Disclosure 3-2, the organisation shall:</p> <ol style="list-style-type: none"> a. Describe the actual and potential negative and positive impacts on the economy, environment, and people, including impacts on their human rights; b. Report whether the organisation is involved with the negative impacts through its activities or as a result of its business relationships, and describe the activities or business relationships; c. Describe its policies or commitments regarding the material topic; d. Describe actions taken to manage the topic and related impacts, including: <ol style="list-style-type: none"> i. Actions to prevent or mitigate potential negative impacts; ii. Actions to address actual negative impacts, including actions to provide for or cooperate in their remediation; iii. Actions to manage actual and potential positive impacts; e. Report the following information about tracking the effectiveness of the actions taken: <ol style="list-style-type: none"> i. Processes used to track the effectiveness of the actions; ii. Goals, targets, and indicators used to evaluate progress; iii. The effectiveness of the actions, including progress toward the goals and targets; iv. Lessons learned and how these have been incorporated into the organisation's operational policies and procedures; f. Describe how engagement with stakeholders has informed the actions taken (3-3-d) and how it has informed whether the actions have been effective (3-3-e). 	<p>2022 Sustainability Report:</p> <ul style="list-style-type: none"> • Overview: Sustainability performance summary, page 4 • Health and safety: Ensuring a safe and healthy workplace, page 50 • Climate change: Enabling a low-carbon future, page 32 • Human rights: Respect for human rights, page 58 • Transparency and engagement: Underpinning confidence in the commodity value chain, page 20 • Responsible value chains: Engaging to uphold and improve standards, page 24 • Our people: A diverse and talented workforce, page 60 • Local communities: Contributing to sustainable livelihoods, page 66 • Environment: Enhancing our natural environment, page 46 • Compliance and conduct: Maining a robust compliance culture, page 16 • Our business: Responsibly connecting the world's resources, page 10 • Our approach: Governance and policy framework, page 15 	Full

Disclosure Number	Aspect	GRI Disclosure	Reference	Full/Partial
GRI Index – Economic indicators				
Disclosures on material topics (Continued)				
3-4	Management of material topics	<p>For each material topic reported under Disclosure 3-2, the organisation shall:</p> <ol style="list-style-type: none"> Describe the actual and potential negative and positive impacts on the economy, environment, and people, including impacts on their human rights; Report whether the organisation is involved with the negative impacts through its activities or as a result of its business relationships, and describe the activities or business relationships; Describe its policies or commitments regarding the material topic; Describe actions taken to manage the topic and related impacts, including: <ol style="list-style-type: none"> Actions to prevent or mitigate potential negative impacts; Actions to address actual negative impacts, including actions to provide for or cooperate in their remediation; Actions to manage actual and potential positive impacts; Report the following information about tracking the effectiveness of the actions taken: <ol style="list-style-type: none"> Processes used to track the effectiveness of the actions; Goals, targets, and indicators used to evaluate progress; The effectiveness of the actions, including progress toward the goals and targets; lessons learned and how these have been incorporated into the organisation's operational policies and procedures; Describe how engagement with stakeholders has informed the actions taken (3-3-d) and how it has informed whether the actions have been effective (3-3-e). 	<p>2022 Sustainability Report:</p> <ul style="list-style-type: none"> Overview: Sustainability performance summary, page 4 Health and safety: Ensuring a safe and healthy workplace, page 50 Climate change: Enabling a low-carbon future, page 32 Human rights: Respect for human rights, page 58 Transparency and engagement: Underpinning confidence in the commodity value chain, page 20 Responsible value chains: Engaging to uphold and improve standards, page 24 Our people: A diverse and talented workforce, page 60 Local communities: Contributing to sustainable livelihoods, page 66 Environment: Enhancing our natural environment, page 46 Compliance and conduct: Maintaining a robust compliance culture, page 16 Our business: Responsibly connecting the world's resources, page 10 Our approach: Governance and policy framework, page 15 	Partial
GRI 205: Anti-corruption 2016				
205-2	Communication and training about anti-corruption policies and procedures	<p>The reporting organisation shall report the following information:</p> <ol style="list-style-type: none"> Total number and percentage of governance body members that the organisation's anti-corruption policies and procedures have been communicated to, broken down by region; Total number and percentage of employees that the organisation's anti-corruption policies and procedures have been communicated to, broken down by employee category and region; Total number and percentage of business partners that the organisation's anti-corruption policies and procedures have been communicated to, broken down by type of business partner and region. Describe if the organisation's anti-corruption policies and procedures have been communicated to any other persons or organisations; Total number and percentage of governance body members that have received training on anti-corruption, broken down by region; Total number and percentage of employees that have received training on anti-corruption, broken down by employee category and region. 	<p>2022 Sustainability Report:</p> <ul style="list-style-type: none"> Overview: Sustainability performance summary, page 4 Compliance and conduct: Maintaining a robust compliance culture, page 16 <p>2022 ENVIRONMENTAL, SOCIAL, GOVERNANCE (ESG) Data Book:</p> <ul style="list-style-type: none"> Compliance and Conduct 	Partial

Disclosure Number	Aspect	GRI Disclosure	Reference	Full/Partial
GRI Index – Ecology indicators				
GRI 302: Energy 2016				
302-4	Reduction of energy consumption	<p>The reporting organisation shall report the following information:</p> <ol style="list-style-type: none"> Amount of reductions in energy consumption achieved as a direct result of conservation and efficiency initiatives, in joules or multiples; Types of energy included in the reductions; whether fuel, electricity, heating, cooling, steam, or all; Basis for calculating reductions in energy consumption, such as base year or baseline, including the rationale for choosing it; Standards, methodologies, assumptions and/or calculation tools used. 	<p>2022 Sustainability Report:</p> <ul style="list-style-type: none"> Climate change: Enabling a low-carbon future, page 32 About this report, page 71 <p>2022 ENVIRONMENTAL, SOCIAL, GOVERNANCE (ESG) Data Book:</p> <ul style="list-style-type: none"> Energy and Climate 	Partial
GRI 303: Water and effluents 2018				
303-1	Interactions with water as a shared resource	<p>The reporting organisation shall report the following information:</p> <ol style="list-style-type: none"> A description of how the organisation interacts with water, including how and where water is withdrawn, consumed, and discharged, and the water-related impacts the organisation has caused or contributed to, or that are directly linked to its operations, products, or services by its business relationships (e.g., impacts caused by runoff); A description of the approach used to identify water-related impacts, including the scope of assessments, their timeframe, and any tools or methodologies used; A description of how water-related impacts are addressed, including how the organisation works with stakeholders to steward water as a shared resource, and how it engages with suppliers or customers with significant water-related impacts; An explanation of the process for setting any water-related goals and targets that are part of the organisation's approach to managing water and effluents, and how they relate to public policy and the local context of each area with water stress. 	<p>2022 Sustainability Report:</p> <ul style="list-style-type: none"> Environment: Enhancing our natural environment, page 49 <p>2022 ENVIRONMENTAL, SOCIAL, GOVERNANCE (ESG) Data Book:</p> <ul style="list-style-type: none"> Environment 	Partial
303-3	Water withdrawal	<p>The reporting organisation shall report the following information:</p> <ol style="list-style-type: none"> Total water withdrawal from all areas in megalitres, and a breakdown of this total by the following sources, if applicable: <ol style="list-style-type: none"> Surface water; Groundwater; Seawater; Produced water; Third-party water; Total water withdrawal from all areas with water stress in megalitres and a breakdown of this total by the following sources, if applicable: <ol style="list-style-type: none"> Surface water; Groundwater; Seawater; Produced water; Third-party water and a breakdown of this total by the withdrawal sources listed in i-iv; A breakdown of total water withdrawal from each of the sources listed in Disclosures 303-3-a and 303-3-b in megalitres by the following categories: <ol style="list-style-type: none"> Freshwater ($\leq 1,000$ mg/L Total Dissolved Solids); Other water ($> 1,000$ mg/L Total Dissolved Solids); Any contextual information necessary to understand how the data have been compiled, such as any standards, methodologies and assumptions used. 	<p>2022 Sustainability Report:</p> <ul style="list-style-type: none"> Environment: Enhancing our natural environment, page 49 <p>2022 ENVIRONMENTAL, SOCIAL, GOVERNANCE (ESG) Data Book:</p> <ul style="list-style-type: none"> Environment 	Partial

Disclosure Number	Aspect	GRI Disclosure	Reference	Full/Partial
GRI Index – Ecology indicators				
GRI 303: Water and effluents 2018 (Continued)				
303-4	Water discharge	<p>The reporting organisation shall report the following information:</p> <ol style="list-style-type: none"> a. Total water discharge to all areas in megalitres, and a breakdown of this total by the following types of destination, if applicable: <ol style="list-style-type: none"> i. Surface water; ii. Groundwater; iii. Seawater; iv. Third-party water, and the volume of this total sent for use to other organisations, if applicable; b. A breakdown of total water discharge to all areas in megalitres by the following categories: <ol style="list-style-type: none"> i. Freshwater ($\leq 1,000$mg/L Total Dissolved Solids); ii. Other water ($> 1,000$mg/L Total Dissolved Solids); c. Total water discharge to all areas with water stress in megalitres, and a breakdown of this total by the following categories: <ol style="list-style-type: none"> i. Freshwater ($\leq 1,000$mg/L Total Dissolved Solids); ii. Other water ($> 1,000$mg/L Total Dissolved Solids); d. Priority substances of concern for which discharges are treated, including: <ol style="list-style-type: none"> i. How priority substances of concern were defined and any international standard, authoritative list, or criteria used; ii. The approach for setting discharge limits for priority substances of concern; iii. Number of incidents of non-compliance with discharge limits; e. Any contextual information necessary to understand how the data have been compiled, such as any standards, methodologies and assumptions used. 	<p>2022 Sustainability Report:</p> <ul style="list-style-type: none"> • Environment: Enhancing our natural environment, page 49 <p>2022 ENVIRONMENTAL, SOCIAL, GOVERNANCE (ESG) Data Book:</p> <ul style="list-style-type: none"> • Environment 	Partial
303-5	Water consumption	<p>The reporting organisation shall report the following information:</p> <ol style="list-style-type: none"> a. Total water consumption from all areas in megalitres; b. Total water consumption from all areas with water stress in megalitres; c. Change in water storage in megalitres, if water storage has been identified as having significant water-related impact; d. Any contextual information necessary to understand how the data have been compiled, such as any standards, methodologies, and assumptions used, including whether the information is calculated, estimated, modelled, or sourced from direct measurements, and the approach taken for this, such as the use of any sector-specific factors. 	<p>2022 Sustainability Report:</p> <ul style="list-style-type: none"> • Environment: Enhancing our natural environment, page 49 <p>2022 ENVIRONMENTAL, SOCIAL, GOVERNANCE (ESG) Data Book:</p> <ul style="list-style-type: none"> • Environment 	Full

Disclosure Number	Aspect	GRI Disclosure	Reference	Full/Partial
GRI Index – Ecology indicators				
GRI 304: Biodiversity 2016				
304-1	Operational sites owned, leased, managed in, or adjacent to, protected areas and areas of high biodiversity value outside protected areas	<p>The reporting organisation shall report the following information:</p> <ol style="list-style-type: none"> For each operational site owned, leased, managed in, or adjacent to, protected areas and areas of high biodiversity value outside protected areas: <ol style="list-style-type: none"> Geographic location; Subsurface and underground land that may be owned, leased, or managed by the organisation; Position in relation to the protected area (in the area, adjacent to, or containing portions of the protected area) or the high biodiversity value area outside protected areas; Type of operation (office, manufacturing or production, or extractive); Size of operational site in km² (or another unit, if appropriate); Biodiversity value characterised by the attribute of the protected area or area of high biodiversity value outside the protected area (terrestrial, freshwater, or maritime ecosystem); Biodiversity value characterised by listing of protected status (such as IUCN Protected Area Management Categories, Ramsar Convention, national legislation). 	<p>2022 Sustainability Report:</p> <ul style="list-style-type: none"> Environment: Enhancing our natural environment, page 47 <p>2022 ENVIRONMENTAL, SOCIAL, GOVERNANCE (ESG) Data Book:</p> <ul style="list-style-type: none"> Environment 	Partial
GRI 305: Emissions 2016				
305-1	Direct (Scope 1) GHG emissions	<p>The reporting organisation shall report the following information:</p> <ol style="list-style-type: none"> Gross direct (Scope 1) GHG emissions in metric tonnes of CO₂ equivalent; Gases included in the calculation, whether CO₂, CH₄, N₂O, HFCs, PFCs, SF₆, NF₃, or all; Biogenic CO₂ emissions in metric tonnes of CO₂ equivalent; Base year for the calculation, if applicable, including: <ol style="list-style-type: none"> The rationale for choosing it; Emissions in the base year; The context for any significant changes in emissions that triggered recalculations of base year emissions; Source of the emission factors and the global warming potential (GWP) rates used, or a reference to the GWP source; Consolidation approach for emissions; whether equity share, financial control, or operational control; Standards, methodologies, assumptions, and/or calculation tools used. 	<p>2022 Sustainability Report:</p> <ul style="list-style-type: none"> Sustainability performance summary, page 5 Statement from the Executive Chairman and Chief Executive Officer, page 6 Climate change: Enabling a low-carbon future, page 32 <p>2022 ENVIRONMENTAL, SOCIAL, GOVERNANCE (ESG) Data Book:</p> <ul style="list-style-type: none"> Energy and Climate 	Partial
305-2	Energy indirect (Scope 2) GHG	<p>The reporting organisation shall report the following information:</p> <ol style="list-style-type: none"> Gross location-based energy indirect (Scope 2) GHG emissions in metric tonnes of CO₂ equivalent; If applicable, gross market-based energy indirect (Scope 2) GHG emissions in metric tonnes of CO₂ equivalent; If available, the gases included in the calculation; whether CO₂, CH₄, N₂O, HFCs, PFCs, SF₆, NF₃, or all; Base year for the calculation, if applicable, including: <ol style="list-style-type: none"> The rationale for choosing it; Emissions in the base year; The context for any significant changes in emissions that triggered recalculations of base year emissions; Source of the emission factors and the global warming potential (GWP) rates used, or a reference to the GWP source; Consolidation approach for emissions; whether equity share, financial control, or operational control; Standards, methodologies, assumptions, and/or calculation tools used. 	<p>2022 Sustainability Report:</p> <ul style="list-style-type: none"> Sustainability performance summary, page 5 Statement from the Executive Chairman and Chief Executive Officer, page 6 Climate change: Enabling a low-carbon future, page 32 <p>2022 ENVIRONMENTAL, SOCIAL, GOVERNANCE (ESG) Data Book:</p> <ul style="list-style-type: none"> Energy and Climate 	Partial

Disclosure Number	Aspect	GRI Disclosure	Reference	Full/Partial
GRI Index – Ecology indicators				
GRI 305: Emissions 2016 (Continued)				
305-3	Other indirect (Scope 3) GHG emissions	<p>The reporting organisation shall report the following information:</p> <ol style="list-style-type: none"> Gross other indirect (Scope 3) GHG emissions in metric tonnes of CO₂ equivalent; If available, the gases included in the calculation; whether CO₂, CH₄, N₂O, HFCs, PFCs, SF₆, NF₃, or all; Biogenic CO₂ emissions in metric tonnes of CO₂ equivalent; Other indirect (Scope 3) GHG emissions categories and activities included in the calculation; Base year for the calculation, if applicable, including: <ol style="list-style-type: none"> The rationale for choosing it; Emissions in the base year; The context for any significant changes in emissions that triggered recalculations of base year emissions; Source of the emission factors and the global warming potential (GWP) rates used, or a reference to the GWP source; Standards, methodologies, assumptions, and/or calculation tools used. 	<p>2022 Sustainability Report:</p> <ul style="list-style-type: none"> Sustainability performance summary, page 5 Statement from the Executive Chairman and Chief Executive Officer, page 6 Climate change: Enabling a low-carbon future, page 32 <p>2022 ENVIRONMENTAL, SOCIAL, GOVERNANCE (ESG) Data Book:</p> <ul style="list-style-type: none"> Energy and Climate 	Partial
305-5	Reduction of GHG emissions	<p>The reporting organisation shall report the following information:</p> <ol style="list-style-type: none"> GHG emissions reduced as a direct result of reduction initiatives, in metric tonnes of CO₂ equivalent; Gases included in the calculation; whether CO₂, CH₄, N₂O, HFCs, PFCs, SF₆, NF₃, or all; Base year or baseline, including the rationale for choosing it; Scopes in which reductions took place; whether direct (Scope 1), energy indirect (Scope 2), and/or other indirect (Scope 3); Standards, methodologies, assumptions, and/or calculation tools used. 	<p>2022 Sustainability Report:</p> <ul style="list-style-type: none"> Sustainability performance summary, page 5 Statement from the Executive Chairman and Chief Executive Officer, page 6 Our approach: Governance and policy framework, page 16 Climate change: Enabling a low-carbon future, page 32 <p>2022 ENVIRONMENTAL, SOCIAL, GOVERNANCE (ESG) Data Book:</p> <ul style="list-style-type: none"> Energy and Climate 	Partial
GRI 306: Waste 2020				
306-3	Waste generated	<p>The reporting organisation shall report the following information:</p> <ol style="list-style-type: none"> Total weight of waste generated in metric tonnes, and a breakdown of this total by composition of the waste; Contextual information necessary to understand the data and how the data has been compiled. 	<p>2022 Sustainability Report:</p> <ul style="list-style-type: none"> Environment: Enhancing our natural environment, page 47 <p>2022 ENVIRONMENTAL, SOCIAL, GOVERNANCE (ESG) Data Book:</p> <ul style="list-style-type: none"> Environment 	Full
GRI 308: Supplier environmental assessment				
308-1	New suppliers that were screened using environmental criteria	<ol style="list-style-type: none"> Percentage of new suppliers that were screened using environmental criteria. 	<p>2022 Sustainability Report:</p> <ul style="list-style-type: none"> Responsible value chains: Engaging to uphold and improve standards, page 28 - 29 <p>2022 ENVIRONMENTAL, SOCIAL, GOVERNANCE (ESG) Data Book:</p> <ul style="list-style-type: none"> Responsible Value Chains 	Partial

Disclosure Number	Aspect	GRI Disclosure	Reference	Full/Partial
GRI Index – Social indicators				
GRI 401: Employment 2016				
401-1	New employee hires and employee turnover	<p>The reporting organisation shall report the following information:</p> <p>a. Total number and rate of new employee hires during the reporting period, by age group, gender and region;</p> <p>b. Total number and rate of employee turnover during the reporting period, by age group, gender and region.</p>	<p>2022 Sustainability Report:</p> <ul style="list-style-type: none"> • Our people: A diverse and talented workforce, page 60 <p>2022 ENVIRONMENTAL, SOCIAL, GOVERNANCE (ESG) Data Book:</p> <ul style="list-style-type: none"> • Our People 	Full
GRI 403: Occupational health and safety 2016				
403-1	Occupational health and safety management system	<p>a. A statement of whether an occupational health and safety management system has been implemented, including whether:</p> <p>i. The system has been implemented because of legal requirements and, if so, a list of the requirements;</p> <p>ii. The system has been implemented based on recognised risk management and/or management system standards/guidelines and, if so, a list of the standards/guidelines;</p> <p>b. A description of the scope of workers, activities, and workplaces covered by the occupational health and safety management system and an explanation of whether and, if so, why any workers, activities, or workplaces are not covered.</p>	<p>2022 Sustainability Report:</p> <ul style="list-style-type: none"> • Health and safety: Ensuring a safe and healthy workplace, page 50 <p>2022 ENVIRONMENTAL, SOCIAL, GOVERNANCE (ESG) Data Book:</p> <ul style="list-style-type: none"> • Health and Safety 	Partial
403-2	Hazard identification, risk assessment, and incident investigation	<p>The reporting organisation shall report the following information for employees and for workers who are not employees but whose work and/or workplace is controlled by the organisation:</p> <p>a. A description of the processes used to identify work-related hazards and assess risks on a routine and non-routine basis, and to apply the hierarchy of controls in order to eliminate hazards and minimize risks, including:</p> <p>i. How the organisation ensures the quality of these processes, including the competency of persons who carry them out;</p> <p>ii. How the results of these processes are used to evaluate and continually improve the occupational health and safety management system;</p> <p>b. A description of the processes for workers to report work-related hazards and hazardous situations, and an explanation of how workers are protected against reprisals;</p> <p>c. A description of the policies and processes for workers to remove themselves from work situations that they believe could cause injury or ill health, and an explanation of how workers are protected against reprisals;</p> <p>d. A description of the processes used to investigate work-related incidents, including the processes to identify hazards and assess risks relating to the incidents, to determine corrective actions using the hierarchy of controls, and to determine improvements needed in the occupational health and safety management system.</p>	<p>2022 Sustainability Report:</p> <ul style="list-style-type: none"> • Health and safety: Ensuring a safe and healthy workplace, page 50 <p>2022 ENVIRONMENTAL, SOCIAL, GOVERNANCE (ESG) Data Book:</p> <ul style="list-style-type: none"> • Health and Safety 	Full
403-5	Worker training on occupational health and safety	<p>The reporting organisation shall report the following information for employees and for workers who are not employees but whose work and/or workplace is controlled by the organisation:</p> <p>a. A description of any occupational health and safety training provided to workers, including generic training as well as training on specific work-related hazards, hazardous activities, or hazardous situations.</p>	<p>2022 Sustainability Report:</p> <ul style="list-style-type: none"> • Health and safety: Ensuring a safe and healthy workplace, page 50 <p>2022 ENVIRONMENTAL, SOCIAL, GOVERNANCE (ESG) Data Book:</p> <ul style="list-style-type: none"> • Health and Safety 	Full
403-6	Promotion of worker health	<p>The reporting organisation shall report the following information for employees and for workers who are not employees but whose work and/or workplace is controlled by the organisation:</p> <p>a. An explanation of how the organisation facilitates workers' access to non-occupational medical and healthcare services, and the scope of access provided;</p> <p>b. A description of any voluntary health promotion services and programmes offered to workers to address major non-work-related health risks, including the specific health risks addressed, and how the organisation facilitates workers' access to these services and programmes.</p>	<p>2022 Sustainability Report:</p> <ul style="list-style-type: none"> • Health and safety: Ensuring a safe and healthy workplace, page 50 	Partial

Disclosure Number	Aspect	GRI Disclosure	Reference	Full/Partial
GRI Index – Social indicators				
GRI 403: Occupational health and safety 2016 (Continued)				
403-7	Prevention and mitigation of occupational health and safety impacts directly linked by business relationships	The reporting organisation shall report the following information: a. A description of the organisation's approach to preventing or mitigating significant negative occupational health and safety impacts that are directly linked to its operations, products, or services by its business relationships, and the related hazards and risks.	2022 Sustainability Report: • Health and safety: Ensuring a safe and healthy workplace, page 50	Full
403-8	Workers covered by an occupational health and safety management system	The reporting organisation shall report the following information: a. If the organisation has implemented an occupational health and safety management system based on legal requirements and/or recognised standards/guidelines: i. The number and percentage of all employees and workers who are not employees but whose work and/or workplace is controlled by the organisation, who are covered by such a system; ii. The number and percentage of all employees and workers who are not employees but whose work and/or workplace is controlled by the organisation, who are covered by such a system that has been internally audited; iii. The number and percentage of all employees and workers who are not employees but whose work and/or workplace is controlled by the organisation, who are covered by such a system that has been audited or certified by an external party; b. Whether and, if so, why any workers have been excluded from this disclosure, including the types of worker excluded; c. Any contextual information necessary to understand how the data have been compiled, such as any standards, methodologies, and assumptions used.	2022 Sustainability Report: • Health and safety: Ensuring a safe and healthy workplace, page 50 2022 ENVIRONMENTAL, SOCIAL, GOVERNANCE (ESG) Data Book: • Health and Safety	Partial
403-9	Work-related injuries	The reporting organisation shall report the following information: a. For all employees: i. The number and rate of fatalities as a result of work-related injury; ii. The number and rate of high-consequence work-related injuries (excluding fatalities); iii. The number and rate of recordable work-related injuries; iv. The main types of work-related injury; v. The number of hours worked; b. For all workers who are not employees but whose work and/or workplace is controlled by the organisation: i. The number and rate of fatalities as a result of work-related injury; ii. The number and rate of high-consequence work-related injuries (excluding fatalities); iii. The number and rate of recordable work-related injuries; iv. The main types of work-related injury; v. The number of hours worked; c. The work-related hazards that pose a risk of high-consequence injury, including: i. How these hazards have been determined; ii. Which of these hazards have caused or contributed to high-consequence injuries during the reporting period; iii. Actions taken or underway to eliminate these hazards and minimise risks using the hierarchy of controls; d. Any actions taken or underway to eliminate other work-related hazards and minimize risks using the hierarchy of controls; e. Whether the rates have been calculated based on 200,000 or 1,000,000 hours worked; f. Whether and, if so, why any workers have been excluded from this disclosure, including the types of worker excluded; g. Any contextual information necessary to understand how the data have been compiled, such as any standards, methodologies, and assumptions used.	2022 Sustainability Report: • Statement from the Executive Chairman and Chief Executive Officer, page 6 • Health and safety: Ensuring a safe and healthy workplace, page 50 2022 ENVIRONMENTAL, SOCIAL, GOVERNANCE (ESG) Data Book: • Health and Safety	Partial

Disclosure Number	Aspect	GRI Disclosure	Reference	Full/Partial
GRI Index – Social indicators				
GRI 404: Training and education 2016				
404-1	Average hours of training per year per employee	<p>The reporting organisation shall report the following information:</p> <p>a. Average hours of training that the organisation's employees have undertaken during the reporting period, by:</p> <ol style="list-style-type: none"> i. Gender; ii. Employee category. 	<p>2022 Sustainability Report:</p> <ul style="list-style-type: none"> • Compliance and conduct: Maintaining a robust compliance culture, page 16 • Responsible value chains: Engaging to uphold and improve standards, page 24 • Health and safety: Ensuring a safe and healthy workplace, page 50 • Our people: A diverse and talented workforce, page 60 <p>2022 ENVIRONMENTAL, SOCIAL, GOVERNANCE (ESG) Data Book:</p> <ul style="list-style-type: none"> • Compliance and Conduct • Health and Safety • Human Rights • Our People 	Partial
GRI 405: Diversity and equal opportunity 2016				
405-1	Diversity of governance bodies and employees	<p>The reporting organisation shall report the following information:</p> <p>a. Percentage of individuals within the organisation's governance bodies in each of the following diversity categories:</p> <ol style="list-style-type: none"> i. Gender; ii. Age group: under 30 years old, 30-50 years old, over 50 years old; iii. Other indicators of diversity where relevant (such as minority or vulnerable groups); <p>b. Percentage of employees per employee category in each of the following diversity categories:</p> <ol style="list-style-type: none"> i. Gender; ii. Age group: under 30 years old, 30-50 years old, over 50 years old; iii. Other indicators of diversity where relevant (such as minority or vulnerable groups). 	<p>2022 Sustainability Report:</p> <ul style="list-style-type: none"> • Our people: A diverse and talented workforce, page 60 <p>2022 ENVIRONMENTAL, SOCIAL, GOVERNANCE (ESG) Data Book:</p> <ul style="list-style-type: none"> • Our People 	Partial
GRI 408: Child labour				
408-1	Operations and suppliers at significant risk for incidents of child labour	<p>a. Operations and suppliers considered to have significant risk for incidents of:</p> <ol style="list-style-type: none"> i. Child labour; ii. Young workers exposed to hazardous work; <p>b. Operations and suppliers considered to have significant risk for incidents of child labour either in terms of:</p> <ol style="list-style-type: none"> i. Type of operation (such as manufacturing plant) and supplier; ii. Countries or geographic areas with operations and suppliers considered at risk; <p>c. Measures taken by the organisation in the reporting period intended to contribute to the effective abolition of child labour.</p>	<p>2021 Human Rights Report:</p> <ul style="list-style-type: none"> • Labour rights, page 22 <p>2022 Sustainability Report:</p> <ul style="list-style-type: none"> • Transparency and engagement: Underpinning confidence in the commodity value chain, page 22 • Responsible value chains: Engaging to uphold and improve standards, page 24 • Human Rights: Respect for human rights, page 58 	Partial
GRI 409: Forced or compulsory labour				

Disclosure Number	Aspect	GRI Disclosure	Reference	Full/Partial
GRI Index – Social indicators				
409-1	Operations and suppliers at significant risk for incidents of forced or compulsory labour	<p>a. Operations and suppliers considered to have significant risk for incidents of forced or compulsory labour either in terms of:</p> <ol style="list-style-type: none"> i. Type of operation (such as manufacturing plant) and supplier; ii. Countries or geographic areas with operations and suppliers considered at risk; <p>b. Measures taken by the organisation in the reporting period intended to contribute to the elimination of all forms of forced or compulsory labour.</p>	<p>2021 Human Rights Report:</p> <ul style="list-style-type: none"> • Labour rights, page 22 <p>2022 Sustainability Report:</p> <ul style="list-style-type: none"> • Transparency and engagement: Underpinning confidence in the commodity value chain, page 22 • Responsible value chains: Engaging to uphold and improve standards, page 24 • Human Rights: Respect for human rights, page 58 	Partial
GRI 413: Local communities 2016				
413-1	Operations with local community engagement, impact assessments and development programmes	<p>The reporting organisation shall report the following information:</p> <ol style="list-style-type: none"> a. Percentage of operations with implemented local community engagement, impact assessments and/or development programmes, including the use of: <ol style="list-style-type: none"> i. Social impact assessments, including gender impact assessments, based on participatory processes; ii. Environmental impact assessments and ongoing monitoring; iii. Public disclosure of results of environmental and social impact assessments; iv. Local community development programmes based on local communities' needs; v. Stakeholder engagement plans based on stakeholder mapping; vi. Broad based local community consultation committees and processes that include vulnerable groups; vii. Work councils, occupational health and safety committees and other worker representation bodies to deal with impacts; viii. Formal local community grievance processes. 	<p>2022 Sustainability Report:</p> <ul style="list-style-type: none"> • Local communities: Contributing to sustainable livelihoods, page 66 • Trafigura Foundation: Improving lives and livelihoods, page 68 <p>https://www.trafigurafoundation.org/</p>	Partial

WEF Stakeholder Capitalism Metrics Index

WEF Core Pillar	Material Topic	WEF Themes	WEF Metrics	Core/ Expanded	Description	Reference	Full/Partial
WEF Stakeholder Capitalism Metrics Index							
Principles of Governance	Compliance and conduct	Stakeholder Engagement	Material Issues Impacting Stakeholders	Core	A list of the topics that are material to key stakeholders and the company, how the topics were identified, and how the stakeholders were engaged.	2022 Sustainability Report: <ul style="list-style-type: none"> Our business: Responsibly connecting the world's resources, Identifying our material topics, page 11 	Full
		Ethical Behaviour	Protected Ethics Advice and Reporting Mechanisms	Core	A description of internal and external mechanisms for: <ol style="list-style-type: none"> Seeking advice about ethical and lawful behaviour and organisational integrity; Reporting concerns about unethical or lawful behaviour and organisational integrity. 	2022 Sustainability Report: <ul style="list-style-type: none"> Compliance and conduct: Maintaining a robust compliance culture, page 16 Responsible value chains: Engaging to uphold and improve standards, page 24 Health and safety: Ensuring a safe and healthy workplace, page 50 Our people: A diverse and talented workforce, page 60 2022 ENVIRONMENTAL, SOCIAL, GOVERNANCE (ESG) Data Book: <ul style="list-style-type: none"> Compliance and Conduct 	Full
Planet	Climate Change	Climate Change	Greenhouse Gas (GHG) Emissions	Core	For all relevant greenhouse gases (e.g. carbon dioxide, methane, nitrous oxide, F-gases etc.), report in metric tonnes of carbon dioxide equivalent (tCO ₂ e) GHG Protocol Scope 1 and Scope 2 emissions. Estimate and report material upstream and downstream (GHG Protocol Scope 3) emissions where appropriate.	2022 Sustainability Report: <ul style="list-style-type: none"> Climate change: Enabling a low-carbon future, page 32 2022 ENVIRONMENTAL, SOCIAL, GOVERNANCE (ESG) Data Book: <ul style="list-style-type: none"> Energy and Climate 	Full
	Climate Change	Climate Change	TCFD Implementation	Core	Fully implement the recommendations of the Task Force on Climate-related Financial Disclosures (TCFD). If necessary, disclose a timeline of at most three years for full implementation. Disclose whether you have set, or have committed to set, GHG emissions targets that are in line with the goals of the Paris Agreement – to limit global warming to well-below 2°C above pre-industrial levels and pursue efforts to limit warming to 1.5°C – and to achieve net-zero emissions before 2050.	2022 ENVIRONMENTAL, SOCIAL, GOVERNANCE (ESG) Data Book: <ul style="list-style-type: none"> Energy and Climate 2022 TCFD DISCLOSURE INDEX <ul style="list-style-type: none"> Page 22 2022 Sustainability Report: <ul style="list-style-type: none"> Climate Change: Enabling a low-carbon future, page 32 	Full
	Climate Change and Environmental management	Nature Loss	Land Use and Ecological Sensitivity	Core	Report the number and area (in hectares) of sites owned, leased or managed in or adjacent to protected areas and/or key biodiversity areas (KBA).	2022 Sustainability Report: <ul style="list-style-type: none"> Environment: Enhancing our natural environment, page 47 2022 ENVIRONMENTAL, SOCIAL, GOVERNANCE (ESG) Data Book: <ul style="list-style-type: none"> Environment 	Partial
	Climate Change and Environmental management	Freshwater Availability	Water Consumption and Withdrawal in Water-Stressed Areas	Core	Report for operations where material, mega litres of water withdrawn, mega litres of water consumed and the percentage of each in regions with high or extremely high baseline water stress according to WRI Aqueduct water risk atlas tool. Estimate and report the same information for the full value chain (upstream and downstream) where appropriate.	2022 Sustainability Report: <ul style="list-style-type: none"> Environment: Enhancing our natural environment, page 49 2022 ENVIRONMENTAL, SOCIAL, GOVERNANCE (ESG) Data Book: <ul style="list-style-type: none"> Environment 	Partial

WEF Core Pillar	Material Topic	WEF Themes	WEF Metrics	Core/ Expanded	Description	Reference	Full/Partial
WEF Stakeholder Capitalism Metrics Index							
People	Social Performance and Our People	Dignity and equality	Diversity & Inclusion	Core	Percentage of employees per employee category, per age group, gender and other indicators of diversity (e.g. ethnicity).	2022 Sustainability Report: <ul style="list-style-type: none"> Our people: A diverse and talented workforce, page 60 2022 ENVIRONMENTAL, SOCIAL, GOVERNANCE (ESG) Data Book: <ul style="list-style-type: none"> Our People 	Full
	Workplace safety	Health and Wellbeing	Health and Safety	Core	<ol style="list-style-type: none"> The number and rate of fatalities as a result of work-related injury; high-consequence work-related injuries (excluding fatalities); recordable work-related injuries, main types of work-related injury; and the number of hours worked GRI:2018 403 – 6 (a); An explanation of how the organisation facilitates workers' access to non-occupational medical and healthcare services and the scope of access provided for employees and workers. 	2022 Sustainability Report: <ul style="list-style-type: none"> Statement from the Executive Chairman and Chief Executive Officer, page 8 and Health and safety: Ensuring a safe and healthy workplace, page 50 2022 ENVIRONMENTAL, SOCIAL, GOVERNANCE (ESG) Data Book: <ul style="list-style-type: none"> Health and Safety 	Partial
	Our People	Skills for the Future	Training Provided	Core	<ol style="list-style-type: none"> Average hours of training per person that the organisation's employees have undertaken during the reporting period, by gender and employee category (total number of trainings provided to employees divided by the number of employees); Average training and development expenditure per full time employee. 	2022 Sustainability Report: <ul style="list-style-type: none"> Compliance and conduct: Maintaining a robust compliance culture, page 16 Responsible value chains: Engaging to uphold and improve standards, page 24 Health and safety: Ensuring a safe and healthy workplace, page 50 Our people: A diverse and talented workforce, page 60 2022 ENVIRONMENTAL, SOCIAL, GOVERNANCE (ESG) Data Book: <ul style="list-style-type: none"> Our People 	Partial

WEF Core Pillar	Material Topic	WEF Themes	WEF Metrics	Core/ Expanded	Description	Reference	Full/Partial
WEF Stakeholder Capitalism Metrics Index							
Prosperity	Our People	Employment and Wealth Generation	Absolute Number and Rate of Employment	Core	<ol style="list-style-type: none"> Total number and rate of new employee hires during the reporting period, by age group, gender, other indicators of diversity and region; Total number and rate of employee turnover during the reporting period, by age group, gender, other indicators of diversity and region. 	2022 Sustainability Report: <ul style="list-style-type: none"> Our people: A diverse and talented workforce, page 60 2022 ENVIRONMENTAL, SOCIAL, GOVERNANCE (ESG) Data Book: <ul style="list-style-type: none"> Our People 	Partial
	Economic Performance	Employment and Wealth Generation	Economic Contribution	Core	<ol style="list-style-type: none"> Direct economic value generated and distributed (EVG&D) – on an accrual basis, covering the basic components for the organisation’s global operations, ideally split out by: EVG&D can provide a valuable snapshot of the direct monetary value added to local economies through generation of products and services, servicing of capital, payment of wages, taxes and community investment, while the significant financial assistance received from government, when compared with separate disclosures on taxes, can be useful for developing a more balanced and transparent snapshot of the balance of transactions between the company and government. <ol style="list-style-type: none"> Revenue Operating costs Employee wages and benefits Payments to providers of capital Payments to government Community investment Financial assistance received from the government – Total monetary value of financial assistance received by the organisation from any government during the reporting period. 	2022 Sustainability Report: <ul style="list-style-type: none"> Local communities: Contributing to sustainable livelihoods, page 66; Trafigura Foundation Improving lives and livelihoods, page 68 2022 Annual Report 2021 Payments to governments report	Partial
	Social Performance	Community and social vitality	Total social investment	Expanded	Total Social Investment (TSI) sums up a company’s resources used for “S” in ESG efforts defined by CECP Valuation Guidance.	2022 Sustainability Report: <ul style="list-style-type: none"> Local communities: Contributing to sustainable livelihoods, page 66; Trafigura Foundation Improving lives and livelihoods, page 68. 	Partial
	Social Performance	Employment and Wealth Generation	Infrastructure investments and services supported	Expanded	<ol style="list-style-type: none"> Extent of development of significant infrastructure investments and services supported; Current or expected impacts on communities and local economies, including positive and negative impacts where relevant; Whether these investments and services are commercial, in-kind, or pro bono engagements. 	2022 Sustainability Report: <ul style="list-style-type: none"> Local communities: Contributing to sustainable livelihoods, page 66; Trafigura Foundation Improving lives and livelihoods, page 68. 	Full

TCFD Index

Disclosure	Reference
Governance: disclose the organisation's governance around climate-related risks and opportunities.	
1. Describe the board's oversight of climate-related risks and opportunities	
<p>The principal oversight body is the Board of Directors which has overall responsibility for strategic direction and establishing the risk management structure and policy framework. The Management Committee is responsible for the execution of the business strategy, the day-to-day management of commercial and financial activities, and our investment portfolio. There are four Board Subcommittees covering: Audit, Compliance, Nomination and Remuneration, and ESG. The Compliance Committee is responsible for ensuring all processes and controls necessary to comply with applicable laws and regulations are implemented, in addition to the requirements of all employees set out in our Code of Business Conduct and supporting policies.</p> <p>The Board ESG Committee oversees sustainability performance and climate-related risks and opportunities at the highest level, supported by the Operational HSEC Steering Committee and Commercial ESG Steering Committee, both of which are led by members of the Management Committee. The ESG Committee is chaired by the Group's Executive Chairman and Chief Executive Officer Jeremy Weir, along with one executive director (Jose Larocca) and two non-executive directors (Andrew Vickerman and Pierre Lorinet). This committee approves and oversees the strategic direction of the Group's sustainability strategy and the ESG policy framework. It provides Board-level engagement and input into material ESG risk as well as opportunity assessment and management. The Committee receives regular updates from senior managers across the business on health, safety, environment, and community (HSEC) matters, social performance, responsible value chains, and climate change strategy. In 2022, the Board ESG Committee met on three occasions and the Operational HSEC Steering Committee met four times.</p> <p>In FY2021, the Board ESG Committee mandated the company to set a Scope 3 emissions target, focusing on shipping emissions from third-party chartered vessels. In FY2022, the Board ESG Committee agreed on revised Group-wide GHG targets covering Scope 1 and Scope 2 emissions, a new target for Scope 3 emissions and a transition pathway to carbon neutrality by 2050.</p>	<p>2022 Sustainability Report:</p> <ul style="list-style-type: none"> • Our approach: Governance and policy framework, pages 12–15 • Climate change: Enabling a low-carbon future, pages 32–45
2. Describe management's role in assessing and managing climate-related risks and opportunities	
<p>The ESG Committee receives regular updates from senior managers across the business on health, safety, environment, and community (HSEC) matters, social performance, responsible value chains, and climate change strategy. It receives the minutes of the Operational HSEC and Commercial ESG Steering Committee meetings and internal HSEC management reports. The Board Committee and Operational HSEC and Commercial ESG Steering Committees regularly receive presentations from internal and external subject matter experts to stay abreast of emerging ESG expectations, policies, and leading practices.</p> <p>The Commercial ESG is mandated by the Board to oversee the interface ESG issues with the commercial management of the business. Each of the steering committees are led by a member of the Management Committee to enhance senior management oversight and engagement with key HSEC, supply chain and responsibility issues relating to the Trafigura Group. Of relevance to climate-related risks and opportunities, in FY2022, the Commercial ESG Steering Committee:</p> <ul style="list-style-type: none"> • Made recommendations to the Board ESG Committee on climate change strategy, including approach to Scope 3 supply chain emissions and transition pathway to carbon neutrality; • Reviewed sustainability policies and established a process for the development of a revised Group-wide ESG policy framework, to be developed following a comprehensive engagement across functions in FY2023; and • Evaluated progress against responsible value chain targets, and alignment with the international sustainable procurement standard ISO 20400:2017. 	<p>2022 Sustainability Report:</p> <ul style="list-style-type: none"> • Our approach: Governance and policy framework, pages 12–15 • Climate change: Enabling a low-carbon future, pages 32–45

Disclosure	Reference
Strategy: disclose the actual and potential impacts of climate-related risks and opportunities on the organisation's businesses, strategy, and financial planning where such information is material.	
3. Describe the climate-related risks and opportunities the organisation has identified over the short, medium, and long term	
<p>We have conducted assessments to establish the long-term risks of a changing climate to our operations. We continuously assess current hazards and consider how they may evolve so that we can adapt and improve resilience. In FY2022, the Commercial ESG Steering Committee reviewed sustainability policies and established a process for the development of a revised Group-wide ESG policy framework, to be developed following a comprehensive engagement across functions in FY2023.</p> <p>We have used qualitative and quantitative climate-related scenario analysis to inform our strategy, based on a 1.5 (Global Ambition), 1.6–2.0 (Accepting Overshoot) and 2.1 -3.0 (Multipolar Transition) degree scenarios.</p> <p>A number of our sites face long-term risks of a changing climate, with increased extreme heat, flooding, hurricanes, storms and wildfires posing a real threat to operations. The physical climate change assessments we have conducted in line with TCFD recommendations on mines and smelters in Tennessee, our coal terminal in Mississippi, our bulk export terminal in Manzanillo, Mexico, our mine in Myra Falls, Canada, and our southern Africa transport corridors enable us to better understand how the changing climate will impact these locations. We will assess six additional mining sites in FY2023 located across the US, South America and Africa, to understand actual and potential physical climate-related threats, enabling us to take further effective action.</p>	<p>2022 Sustainability Report:</p> <ul style="list-style-type: none"> Climate change: Enabling a low-carbon future, pages 32–45
4. Describe the impact of climate-related risks and opportunities on the organisation's businesses, strategy, and financial planning	
<p>The physical climate change assessments undertaken on our industrial assets have identified a projected increase in the threat of wildfires, storms, extreme heat and landslides in the future due to climate change. In this assessments, we have also identified extreme cold, water stress and drought as potential physical risks to our operations. For example, the climate scenario analysis undertaken at our Myra Falls mine used climate model projections to 2030 and 2050 following 'Shared Socioeconomic Pathway (SSP) 5-8.5', a future scenario which assumes high greenhouse gas emissions and high levels of warming by 2100 – a plausible worst-case scenario. In workshops facilitated by external experts, we discussed the hazards identified as well as potential implications. These discussions involved a range of on-site stakeholders such as engineers, maintenance and health, safety and environmental personnel to ensure the risks were relevant at the site level and reflected physical impacts that stakeholders are already observing.</p>	<p>2022 Sustainability Report:</p> <ul style="list-style-type: none"> Climate change: Enabling a low-carbon future, pages 32–45
5. Describe the resilience of the organisation's strategy, taking into consideration different climate-related scenarios including a 2°C or lower scenario.	
<p>We have conducted assessments to establish the long-term risks to operations of a changing climate and physical climate change. We have used qualitative and quantitative climate-related scenario analysis to inform our strategy, based on a 1.5 (Global Ambition), 1.6–2.0 (Accepting Overshoot) and 2.1 -3.0 (Multipolar Transition) degree scenarios.</p> <p>We are working with global climate risk consultants ERM to review and ultimately mitigate the risks at all our mining assets. This will be expanded across all our assets in FY2023, to improve the resilience of our operations to future weather and other climate-related events.</p>	<p>2022 Sustainability Report:</p> <ul style="list-style-type: none"> Climate change: Enabling a low-carbon future, pages 32–45

Disclosure	Reference
<p>Risk management: disclose how the organisation identifies, assesses and manages climate-related risks.</p>	
<p>6. Describe the organisation's processes for identifying and assessing climate-related risks</p>	
<p>The Chief Executive Officer (CEO), Board ESG Committee, Commercial ESG Committee and Operational HSEC Committee, and Global Head of HSEC are all responsible for assessing and managing climate-related risks and opportunities. Trafigura's Board ESG Committee oversees sustainability performance at the highest level. This includes approving greenhouse gas emissions reduction targets and overseeing performance, reviewing physical climate risks and mitigation strategies and overseeing climate-related risks in relation to operations and investments. Reporting to this committee are the Operational HSEC and Commercial ESG Steering Committees, both of which are led by members of the Management Committee.</p> <p>We have group and company risk and opportunity assessment processes in place that consider all aspects of business risk and opportunity, including climate-related transition and physical issues as relevant and appropriate. Areas of the business that are considered likely to be impacted by such climate-related risks anticipate the impact and respond accordingly and highlight and capitalise on areas of opportunity. In order to determine our risks in the future, we have put in place a Climate Strategy which creates a clear framework for identifying, assessing, monitoring and responding to climate-related risks.</p> <p>At site level, an HSEC risk assessment process is in place which includes sustainability issues including climate change. Each site has a Risk Register that assesses the significance and materiality of each risk and opportunity. It considers likelihood and severity, plus impact from injury & illness; environmental; local community and commercial perspectives. Accountability for the Risk Register is held by the management team for that site, with identified individuals who are responsible for identifying risks to the asset. On an ongoing basis, this is reviewed by members of the management team, including the Head of HSEC who sits on the Operations HSEC Steering Committee. For example, as part of our climate related issues monitoring process, we have identified potential savings relating to energy efficiency and risks from weather-related events. These are reported up through the Risk Register process to management and the Operations HSEC Steering Committee, and major items are referred up to the Board and Investment Committee for consideration for investment.</p>	<p>2022 Sustainability Report:</p> <ul style="list-style-type: none"> • Our approach: Governance and policy framework, pages 12–15 • Climate change: Enabling a low-carbon future, pages 32–45
<p>7. Describe the processes for managing climate-related risks</p>	
<p>The Board ESG Committee receives regular updates from managers across the business on HSEC performance, climate change strategy, future GHG emissions reduction targets, their approach to managing transitional physical climate-related risks and opportunities and supply chain emissions transparency. The Committee receives regular updates from the chairs of the Operational HSEC and Commercial ESG Steering Committees as well as regular internal HSEC management reports. The Board ESG Committee, Operational HSEC and Commercial ESG Steering Committees also receive presentations from internal and external subject matter experts in order to stay abreast of emerging ESG expectations, policies and leading practice.</p> <p>Our risk management strategy consists of the following three key areas of focus:</p> <ol style="list-style-type: none"> 1. Improving our understanding of how climate change and the transition to a low carbon economy will impact our business and reacting accordingly in both a trading and operational sense. This involves: <ol style="list-style-type: none"> a. Responding at a business strategy level to anticipate changing demands and market forces – e.g. renewables, power training, transition metals demand, carbon intensity of supply chains and decarbonising shipping; b. Assessing how the transition to a low carbon economy may have an impact on the commodities we trade; c. Identifying activities/assets that may be impacted by climate change and adapt accordingly; 2. Anticipating the introduction of market mechanisms to incentivise reduced GHG emissions and future proof new developments against the above, which calls for: <ol style="list-style-type: none"> a. Introducing internal market mechanisms in selected areas to incentivise reduced emissions e.g. apply shadow carbon price to emissions from business flights and offices to raise funds to offset these emissions; b. Implementing a shadow carbon price process on new builds and developments (facilities, vessels, etc) to identify further emission reduction or energy efficiency opportunities that make economic sense when possible future carbon taxes are factored in; c. Understanding upstream supply chain emissions and having the ability to identify high and low carbon intensity producers, processors and transportation providers; 3. Establishing the Best Available Techniques (BAT) process to determine appropriate GHG reduction initiatives on new builds and developments, involving: <ol style="list-style-type: none"> a. Carrying out BAT assessments to identify additional and innovative emission reduction opportunities and implement where suitable. <p>The structure of Trafigura's Climate Change strategy is aligned with the Task Force on Climate-Related Financial Disclosures (TCFD) guidance and the World Economic Forum's Stakeholder Capitalism Metrics. It sets out how accountability for climate change falls within the organisation, as well as items which will allow Trafigura to respond to risks and opportunities such as the transition to a low carbon economy and ensuring our activities operate in an increasingly efficient way.</p>	<p>2022 Sustainability Report:</p> <ul style="list-style-type: none"> • Climate change: Enabling a low-carbon future, pages 32–45
<p>8. Describe how these processes are integrated into the organisation's overall risk management</p>	
<p>We view climate risk and the commercial opportunities from the energy transition as a material issue for our business, and this is reflected in the commitments we have made and action we are taking. We play a key enabling role for low carbon commodities, increasing the liquidity of markets. We support the development and new technologies and the production of low carbon fuels, and we work with producers and others in the supply chain to reduce carbon intensity of the commodities we trade. We use our knowledge of decarbonisation options to provide solutions for our customers and we use our influence with key stakeholders to encourage the energy transition throughout the value chain.</p>	<p>2022 Sustainability Report:</p> <ul style="list-style-type: none"> • Climate change: Enabling a low-carbon future, pages 32–45

Disclosure	Reference
Metrics and targets: disclose the metrics and targets used to assess and manage relevant climate-related risks and opportunities where such information is material.	
9. Disclose the metrics used by the organisation to assess climate-related risks and opportunities in line with its strategy and risk management process	
<p>We have conducted assessments to establish the long-term risks of a changing climate to our operations. We recognise the latest scientific assessments as set out by the United Nations Intergovernmental Panel on Climate Change (IPCC) and support the climate change goals of the United Nations Framework Convention on Climate Change and the Paris Agreement. Our approach to climate change is aligned with the principles of the Task Force on Climate-related Financial Disclosures (TCFD).</p> <p>We provide more details on our metrics in the Sustainability Report, in the Climate Change section (page 32). We use a range of metrics to assess climate-related risks and opportunities including:</p> <ul style="list-style-type: none"> • Scope 1, Scope 2 and Scope 3 GHG emissions; • The GHG emissions intensity of shipping operations; • The Scope 3 upstream emissions intensity of non-ferrous metals; • Our renewable energy asset portfolio capacity; • Our renewable hydrogen projects total production capacity. 	<p>2022 Sustainability Report:</p> <ul style="list-style-type: none"> • Climate change: Enabling a low-carbon future, pages 32–45
10. Disclose Scope 1, Scope 2, and, if appropriate, Scope 3 greenhouse gas (GHG) emissions, and the related risks	
<p>At end of FY2022, the second year of our 3-year target period, we have achieved a 30.1 percent reduction of Scope 1 and Scope 2 emissions, to 2.4 million tCO₂e. Thus, we have achieved our target one year ahead of schedule. Overall, our Scope 1 emissions increased by 1.5 percent and our Scope 2 emissions decreased by 36.5 percent on a year-on-year basis. We have reduced our emissions by over 1 million tCO₂e over the last two years. Our Scope 1 and Scope 2 emissions are included on page 34 of our 2022 Sustainability Report.</p> <p>We believe it is important to evaluate emissions across our value chain, as these will have a material impact on the economic viability of our business model. However, we view Scope 3 emissions differently from Scope 1 and 2, given the methodological complexity, regulatory uncertainty, concerns about double-counting, and lack of direct control by Trafigura. While we disclose the Scope 3 emissions under certain categories – and we extended the number of these categories in FY2022 – and targets that are material to our business model, we do not consider the full range of Scope 3 categories to be relevant and therefore not essential disclosures or commitments. Our Scope 3 emissions by category are included on page 36 of our 2022 Sustainability Report.</p>	<p>2022 Sustainability Report:</p> <ul style="list-style-type: none"> • Climate change: Enabling a low-carbon future, pages 32–45
11. Describe the targets used by the organisation to manage climate-related risks and opportunities and performance against targets	
<p>In FY2020, we established our target to reduce our Scope 1 and Scope 2 GHG emissions by 30 percent by the end of FY2023, against a baseline of FY2020. At end of FY2022, the second year of our 3-year target period, we have achieved a 30.1 percent reduction of Scope 1 and Scope 2 emissions, to 2.4 million tCO₂e. Thus, we have achieved this target one year ahead of schedule.</p> <p>In FY2022, we set a new target to reduce our Scope 1 and Scope 2 GHG emissions by 50% by FY2032, based on the current FY2020 baseline. We provide more details on our metrics in our Sustainability Report, in the Climate Change section (page 32).</p> <p>We have set other target to manage climate-related risks and opportunities including the following:</p> <ul style="list-style-type: none"> • 25% reduction in GHG emissions intensity of total shipping operations by end FY2030 – at the end of FY2022 we are on track to achieve this target; • To reduced Scope 3 upstream emissions intensity of non-ferrous metals by 10% by end FY2030 – this is a new target in FY2022; • To develop a renewable energy asset portfolio with a cumulative target capacity of 4GW by end FY2025 – at the end of FY2022 we had a renewables portfolio of 2.8GW; • To invest in renewable hydrogen projects with a total production capacity of 3GW by end FY2030 – this is a new target for FY2022. 	<p>2022 Sustainability Report:</p> <ul style="list-style-type: none"> • Climate change: Enabling a low-carbon future, pages 32–45



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