

# Welcome to your CDP Climate Change Questionnaire 2023

## C0. Introduction

### C0.1

#### **(C0.1) Give a general description and introduction to your organization.**

Terex is a global manufacturer of aerial work platforms and materials processing machinery. Terex designs, builds, and supports products used in construction, maintenance, manufacturing, energy, minerals, and materials management applications. Terex products and solutions enable customers to reduce their environmental impact including electric and hybrid offerings that deliver quiet and emission-free performance, products that support renewable energy, and products that aid in the recovery of useful materials from various types of waste. The company engages with customers through all stages of the product life cycle, from initial specification and financing to parts and service support. Terex reports its business in the following segments: (i) Aerial Work Platforms (“AWP”) and (ii) Materials Processing (“MP”).

Terex was incorporated in Delaware in October 1986 as Terex U.S.A., Inc. Since that time, Terex has changed significantly, and much of this change has been historically accomplished through acquisitions and managing its portfolio of companies by divestiture of businesses and products. The company achieved net sales of \$4.4 billion in 2022. Terex continues to focus on becoming an industry leading operating company. Our business is international in scope, with our products manufactured in the Americas, Europe, Australia, and Asia and sold worldwide.

We have implemented measures to reduce our greenhouse gas (GHG) emissions and improve our accounting of the same. This is important for the protection of our environment, public disclosure, and transparency and in response to increasing regulations. Ultimately, understanding our GHG emissions, and the factors which significantly affect the rates of GHG emissions, is fundamental to Terex’s efforts to implement mitigation measures within our operations.

As part of The Terex Way, and our Zero Harm Safety and Environmental culture, we are committed to providing a safe and healthy environment for our team members and quality products that are safe to use and operate in an environmentally conscious and respectful manner. Safety is a top priority, not only for our team members, but also our customers. Terex has a longstanding commitment to designing, manufacturing, and selling safe and efficient products. Our safety standards and practices are rigorous. We collaborate with customers to

design features that help keep operators of our equipment safe, improve working environments, and help maintain equipment uptime and utilization.

Use and operation of our equipment in an environmentally conscious manner is an important priority for us. We are aware of global discussions regarding climate change and the impact of greenhouse gas emissions on global warming. We are increasing our production of products that have lower greenhouse gas emissions in response to our desire to protect the environment, market demand and regulatory initiatives. We are active in the development of innovative alternative power solutions within our different product lines. Globally, job site regulations have become increasingly stringent, requiring quieter equipment with lower or zero emissions. Our customers want products that operate on battery electric and fuel-electric hybrid options. Many of our Genie® branded lift models offer all-electric or fuel-electric hybrid options that deliver quiet, emission-free performance, which is necessary for indoor working environments, as well as city centres with noise and emission restrictions. We offer crushers and screens that can operate from electrical power supply lines to help reduce the use of fuel. We were the first to introduce fully electric utility trucks to the marketplace. Hybrid solutions are also available on select utility aerial devices, cranes, and mixer trucks that use battery power to perform certain equipment functions without the engine running. Overall, we believe these developments are the leading edge of much greater change to the way equipment in the future will be powered. We have taken a lead on many of these developments within the industries we serve, and we will continue to evolve our approach to alternative, environmentally friendly equipment power as technical capabilities advance, solution economics improve, and customer demand for these solutions continues to increase.

## C0.2

**(C0.2) State the start and end date of the year for which you are reporting data and indicate whether you will be providing emissions data for past reporting years.**

### Reporting year

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**Start date**

January 1, 2022

**End date**

December 31, 2022

**Indicate if you are providing emissions data for past reporting years**

Yes

**Select the number of past reporting years you will be providing Scope 1 emissions data for**

Not providing past emissions data for Scope 1

**Select the number of past reporting years you will be providing Scope 2 emissions data for**

Not providing past emissions data for Scope 2

**Select the number of past reporting years you will be providing Scope 3 emissions data for**

1 year

## **C0.3**

**(C0.3) Select the countries/areas in which you operate.**

Australia  
Belgium  
Brazil  
Canada  
China  
Finland  
France  
Germany  
India  
Ireland  
Italy  
Japan  
Malaysia  
Mexico  
Netherlands  
Republic of Korea  
Singapore  
Spain  
Switzerland  
Thailand  
Turkey  
United Arab Emirates  
United Kingdom of Great Britain and Northern Ireland  
United States of America

## **C0.4**

**(C0.4) Select the currency used for all financial information disclosed throughout your response.**

USD

## **C0.5**

**(C0.5) Select the option that describes the reporting boundary for which climate-related impacts on your business are being reported. Note that this option should align with your chosen approach for consolidating your GHG inventory.**

Operational control

## C0.8

**(C0.8) Does your organization have an ISIN code or another unique identifier (e.g., Ticker, CUSIP, etc.)?**

Indicate whether you are able to provide a unique identifier for your organization	Provide your unique identifier
Yes, a Ticker symbol	TEX

## C1. Governance

### C1.1

**(C1.1) Is there board-level oversight of climate-related issues within your organization?**

Yes

#### C1.1a

**(C1.1a) Identify the position(s) (do not include any names) of the individual(s) on the board with responsibility for climate-related issues.**

Position of individual or committee	Responsibilities for climate-related issues
Board-level committee	Terex's Governance, Nominating, and Corporate Responsibility Committee (GNCR), chaired by the Lead Director, is chartered to assist the Board with providing oversight to the Company regarding the Company's general approach and strategy for addressing Environmental, Social and Governance ("ESG") matters relevant to the Company (the "ESG Strategy"). The GNCR provides oversight, guidance, and perspective to management regarding the Company's initiatives, processes, policies, and disclosures pertaining to ESG matters within the ESG Strategy; assists the Board and management regarding the development and tracking of appropriate metrics, procedures and targets relating to ESG matters; and reviews, monitors and assesses, as appropriate, the Company's ESG Strategy, including but not limited to environmental impact of the Company's operations. Five times a year, during the regularly scheduled Board committee meetings, the Company reports on team member health and safety, environmental impact, and product safety. Terex Chairman of the Board, President and Chief Executive Officer is the leader for ESG at Terex.

#### C1.1b

**(C1.1b) Provide further details on the board's oversight of climate-related issues.**

Frequency with which climate-related issues are a scheduled agenda item	Governance mechanisms into which climate-related issues are integrated	Please explain
Scheduled – some meetings	Overseeing and guiding employee incentives Reviewing and guiding strategy Overseeing the setting of corporate targets Monitoring progress towards corporate targets Reviewing and guiding the risk management process	<p>Terex has a formal ESG (Environmental, Social, Governance) structure. Terex Board of Directors oversees ESG, including risks, opportunities, and how ESG informs and influences the Company’s strategy. The Board is regularly updated on many aspects of ESG, including climate-related impacts both as a full Board and in committee meetings. Each of the Committee meetings are well attended by their respective members. The Company’s Chairman, President, and Chief Executive Officer is the leader for ESG at Terex. The Company’s Chairman, President, and Chief Executive Officer leads our ESG Executive Steering Committee. The committee’s responsibilities include developing and implementing the Company’s ESG strategy, incorporating ESG into management routines, and measuring and monitoring progress.</p> <p>Terex Board of Directors strategic oversight includes:</p> <ol style="list-style-type: none"> <li>1. Audit Committee is tasked with the accuracy of reported ESG metrics - controls and procedures to ensure accuracy and consistency of ESG disclosures.</li> <li>2. Governance, Nominating, and Corporate Responsibility Committee (GNCR) is tasked with ESG governance. This includes assisting the Board with providing oversight to the Company’s general approach and strategy for addressing Environmental, Social and Governance (“ESG”) matters relevant to the Company (the “ESG Strategy”) and reviewing, monitoring, and assessing the environmental impact of the Company’s operations.</li> </ol>

## C1.1d

**(C1.1d) Does your organization have at least one board member with competence on climate-related issues?**

Board member(s) have competence on climate-related issues	Criteria used to assess competence of board member(s) on climate-related issues
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Row 1	Yes	Our Board has focused on climate-related risks and opportunities for several years. Terex Board members have specific experience on climate-related issues through their past and current professional experiences which is evidence of their competence.
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## C1.2

**(C1.2) Provide the highest management-level position(s) or committee(s) with responsibility for climate-related issues.**

### Position or committee

Chief Executive Officer (CEO)

### Climate-related responsibilities of this position

Managing annual budgets for climate mitigation activities  
 Assessing climate-related risks and opportunities  
 Managing climate-related risks and opportunities

### Coverage of responsibilities

### Reporting line

CEO reporting line

### Frequency of reporting to the board on climate-related issues via this reporting line

More frequently than quarterly

### Please explain

Terex Chairman, President, and Chief Executive Officer, who is also a member of the Board is the leader for ESG at Terex. Terex established an ESG Executive Steering Committee responsible for assisting in developing and implementing the Company's ESG strategy, incorporating ESG into management routines, and measuring and monitoring progress. The Senior Director, Health Safety & Environment leads the Environmental strategy for our operations, monitoring and progress for the ESG Executive Steering committee and for the Company.

## C1.3

**(C1.3) Do you provide incentives for the management of climate-related issues, including the attainment of targets?**

Provide incentives for the management of climate-related issues	Comment
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Row 1	Yes	Terex leadership have established business objectives that measure the reduction of impacts on the environment. Incentives are tied to meeting these business objectives across the global organization.
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## C1.3a

**(C1.3a) Provide further details on the incentives provided for the management of climate-related issues (do not include the names of individuals).**

### Entitled to incentive

Chief Executive Officer (CEO)

### Type of incentive

Monetary reward

### Incentive(s)

Bonus - % of salary

### Performance indicator(s)

Implementation of an emissions reduction initiative  
 Reduction in emissions intensity  
 Energy efficiency improvement  
 Implementation of employee awareness campaign or training program on climate-related issues

### Incentive plan(s) this incentive is linked to

Short-Term Incentive Plan

### Further details of incentive(s)

The CEO has an annual performance goal associated with the monetary reward. The performance goal is aligned with our published emissions and energy reduction targets. Numerical targets are set against climate-related issues for annual objectives. These are rewarded via a percentage of the Terex Management Incentive Bonus for the individuals. The performance targets and corresponding bonuses are determined annually.

### Explain how this incentive contributes to the implementation of your organization's climate commitments and/or climate transition plan

The 2022 Global Environmental goals were part of the CEO's objectives, and he reports on the progress to the Board of Directors. The environmental goals include two intensity goals – a reduction in energy consumption globally of 15%, and a 15% reduction in global emissions both, from a base year of 2019.

### Entitled to incentive

Business unit manager

**Type of incentive**

Monetary reward

**Incentive(s)**

Bonus - % of salary

**Performance indicator(s)**

Implementation of an emissions reduction initiative  
Reduction in emissions intensity  
Energy efficiency improvement  
Implementation of employee awareness campaign or training program on climate-related issues

**Incentive plan(s) this incentive is linked to**

Short-Term Incentive Plan

**Further details of incentive(s)**

The Business unit manager has an annual performance goal associated with the monetary reward. The performance goal is aligned with our published emissions and energy reduction targets. Numerical targets are set against climate-related issues for annual objectives. These are rewarded via a percentage of the Terex Management Incentive Bonus for the individuals. The performance targets and corresponding bonuses are determined annually.

**Explain how this incentive contributes to the implementation of your organization's climate commitments and/or climate transition plan**

Environmental goals are now incorporated into the Quarterly Key Performance Indicators for the Terex Executive Leadership Team's review. The indicators show progress toward Terex locations' energy and greenhouse gas goals, and energy reduction projects. In each of these areas, the Performance Indicators will show progress on both company goals as well as the progress made toward the goal in relation to each business segment.

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**Entitled to incentive**

Management group

**Type of incentive**

Monetary reward

**Incentive(s)**

Bonus - % of salary

**Performance indicator(s)**

Implementation of an emissions reduction initiative  
Reduction in emissions intensity



Energy efficiency improvement  
Implementation of employee awareness campaign or training program on climate-related issues

**Incentive plan(s) this incentive is linked to**

Short-Term Incentive Plan

**Further details of incentive(s)**

The Management Group has an annual performance goal associated with the monetary reward. The performance goal is aligned with our published emissions and energy reduction targets. Numerical targets are set against climate-related issues for annual objectives. These are rewarded via a percentage of the Terex Management Incentive Bonus for the individuals. The performance targets and corresponding bonuses are determined annually.

**Explain how this incentive contributes to the implementation of your organization's climate commitments and/or climate transition plan**

Environmental goals are now incorporated into the Quarterly Key Performance Indicators for the Terex Executive Leadership Team's review. The indicators show progress toward Terex locations' energy and greenhouse gas goals, and energy reduction projects. In each of these areas, the Performance Indicators will show progress on both company goals as well as the progress made toward the goal in relation to each business segment.

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**Entitled to incentive**

Environment/Sustainability manager

**Type of incentive**

Monetary reward

**Incentive(s)**

Bonus - % of salary

**Performance indicator(s)**

Implementation of an emissions reduction initiative  
Reduction in emissions intensity  
Energy efficiency improvement  
Implementation of employee awareness campaign or training program on climate-related issues

**Incentive plan(s) this incentive is linked to**

Short-Term Incentive Plan

**Further details of incentive(s)**

The Environment/ Sustainability manager has an annual performance goal associated with the monetary reward. The performance goal is aligned with our published emissions and energy reduction targets. Numerical targets are set against climate-

related issues for annual objectives. These are rewarded via a percentage of the Terex Management Incentive Bonus for the individuals. The performance targets and corresponding bonuses are determined annually.

**Explain how this incentive contributes to the implementation of your organization’s climate commitments and/or climate transition plan**

Environmental goals are now incorporated into the Quarterly Key Performance Indicators for the Terex Executive Leadership Team’s review. The indicators show progress toward Terex locations’ energy and greenhouse gas goals, and energy reduction projects. In each of these areas, the Performance Indicators will show progress on both company goals as well as the progress made toward the goal in relation to each business segment.

## C2. Risks and opportunities

### C2.1

**(C2.1) Does your organization have a process for identifying, assessing, and responding to climate-related risks and opportunities?**

Yes

#### C2.1a

**(C2.1a) How does your organization define short-, medium- and long-term time horizons?**

	From (years)	To (years)	Comment
Short-term	0	5	These are the time horizons recommended by the SBTi for short-term, medium-term, and longer-term targets. Terex has similar definition.
Medium-term	5	10	These are the time horizons recommended by the SBTi for short-term, medium-term, and longer-term targets. Terex has similar definition.
Long-term	10	30	These are the time horizons recommended by the SBTi for short-term, medium-term, and longer-term targets. Terex has similar definition.

#### C2.1b

**(C2.1b) How does your organization define substantive financial or strategic impact on your business?**

Terex performed an annual assessment of materiality for financial reporting purposes and concluded a materiality of \$18M for Terex. Terex viewed items to be material if their omission or

misstatement could influence the decisions of users of our financial statements. Terex currently reviews ESG materiality the same as financial materiality.

Terex has various processes within the Company for the identification, evaluation, and mitigation of impacts of risks, including safety and environmental risk. Terex considers several factors when deciding whether a risk or opportunity presents a substantive financial or strategic impact on its business. These factors include but are not limited to compliance with laws and regulations, ability to continue to operate the business or some portion of business, impact to Company's reputation or brands, impact to its team members and the community, impacts on its financial statements and cash flow impacts.

## C2.2

### (C2.2) Describe your process(es) for identifying, assessing and responding to climate-related risks and opportunities.

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#### Value chain stage(s) covered

Direct operations  
Upstream  
Downstream

#### Risk management process

A specific climate-related risk management process

#### Frequency of assessment

More than once a year

#### Time horizon(s) covered

Short-term  
Medium-term

#### Description of process

A Sustainability Risk Register has been developed. Each risk identified is scored in relation to the inherent probability and impact. These two scores are multiplied to get an overall score, which is then categorized as high, medium, or low. Mitigating measures are identified for each risk. Each risk is rescored following consideration of the mitigating measure. Where applicable, potential Opportunities and Transition action are also detailed:

- Risk identifier
- Risk owner
- Section: i.e. Carbon, Water, Waste, Biodiversity, Climate etc
- Internal or External Risk, i.e. internal risk is within Terex control
- Date added
- Description
- Inherent Risk Score (impact \* probability) (1-7=Low, 8-17=Medium, 18-25=High)
- Mitigation Measure

- Mitigation Measure Implemented (Yes, No, Date)
- Residual Risk Score
- Opportunity comments
- Transition comments

## C2.2a

### (C2.2a) Which risk types are considered in your organization's climate-related risk assessments?

	Relevance & inclusion	Please explain
Current regulation	Relevant, always included	Current climate-related regulations, such as the EU Emissions Trading Scheme (ETS), are relevant to Terex. A total of 30 countries are involved, including Germany and Italy where Terex facilities are located. The EU ETS is currently in Phase IV. The ETS covers emissions of CO <sub>2</sub> , N <sub>2</sub> O (from processes unrelated to Terex), and perfluorocarbons (from processes unrelated to Terex); except in the Netherlands which also regulates N <sub>2</sub> O; changes to include other GHGs are expected in Phase IV. Current estimates for each of Terex' facilities in EU ETS countries are below the applicable thresholds.
Emerging regulation	Relevant, always included	Emerging climate-related regulations, such as GHG emissions reporting, are relevant to Terex. Terex considers it possible that some of its facilities will be subject to increasing mandatory GHG emissions reporting in certain countries. However, based on the efforts that Terex has made to date to develop a GHG emissions inventory, if such regulations do become applicable, Terex does not consider the potential impact to be significant based on the current level of emissions.
Technology	Relevant, always included	Technology risks, such as demand for low carbon products (i.e., batteries), are relevant to our business. We are increasing production of products that have lower greenhouse gas emissions in response to both regulatory initiatives and market demand trends. For example, the newest diesel engine emission reduction program introduced in Europe, known as Stage V or Tier 5, is a driver of engine emissions reduction related product development. Our segments also offer products that use plug-in electric hybrid technology to save fuel, reduce emissions and reduce noise in residential areas
Legal	Relevant, always included	Legal risks, such as failure to comply with environmental regulations, are relevant to our business. Failure to comply with environmental regulations such as EU ETS could result in fines and penalties.
Market	Relevant, always included	Market risks, such as changes in commodity prices due to climate change, are relevant to our business. We actively manage our material supply sourcing and employ various methods to limit risk associated with commodity cost fluctuations and availability. We design and

		<p>implement plans to mitigate the impact of these risks by using alternate suppliers, expanding our supply base globally, leveraging our overall purchasing volumes to obtain favourable pricing and quantities, developing a close working relationship with key suppliers, and purchasing hedging instruments to partially offset anticipated exposures. One key element of our strategy is to gain efficiencies using our global purchasing power.</p>
Reputation	Relevant, always included	<p>Reputation risks related to climate-change are relevant to our business. There is an increased focus, including by governmental and non-governmental organizations, investors, and other stakeholders, on these and other sustainability matters. Maintaining a strong reputation with our team members, customers, investors and other stakeholders is critical to the success of our business. We devote significant time and resources to programs that are consistent with our corporate values and are designed to protect and preserve our reputation as a good corporate citizen. Any perception (whether valid) of our failure to act responsibly with respect to the environment or to effectively respond to new, or changes in, legal or regulatory requirements concerning climate change or other sustainability concerns could adversely affect our business and reputation.</p>
Acute physical	Relevant, always included	<p>Acute physical risks, such as extreme weather events, are relevant to our business. If operations at a significant facility were disrupted because of equipment failures, natural disasters, health epidemics, work stoppages, power outages or other reasons, our business, financial conditions, and results of operations could be adversely affected. Interruptions in production could increase costs and delay delivery of units in production. Production capacity limits could cause us to reduce or delay sales efforts until production capacity is available.</p>
Chronic physical	Relevant, always included	<p>Chronic physical risks, such as such as unpredictable weather events, are relevant to our supply chain. Delays in our suppliers' abilities, especially any sole suppliers for a particular business, to provide us with necessary materials and components may delay production at several our manufacturing locations or may require us to seek alternative supply sources. Delays in obtaining supplies may result from several factors affecting our suppliers, including weather emergencies.</p> <p>Any delay in receiving supplies could impair our ability to timely deliver products to our customers and, accordingly, could have a material adverse effect on our business, results of operations and financial condition. Current and potential suppliers are evaluated regularly on their ability to meet our requirements and standards. We design and implement plans to mitigate the impact of these risks by using alternate suppliers, expanding our supply base globally, leveraging our overall purchasing volumes to obtain favourable pricing and quantities, developing a closer working relationship with key suppliers, and</p>

		<p>purchasing hedging instruments to partially offset anticipated exposures. One key element of our strategy is to focus on strategic sourcing to gain efficiencies using our global purchasing power.</p>
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## C2.3

**(C2.3) Have you identified any inherent climate-related risks with the potential to have a substantive financial or strategic impact on your business?**

Yes

## C2.3a

**(C2.3a) Provide details of risks identified with the potential to have a substantive financial or strategic impact on your business.**

### Identifier

Risk 1

### Where in the value chain does the risk driver occur?

Direct operations

### Risk type & Primary climate-related risk driver

Current regulation

Enhanced emissions-reporting obligations

### Primary potential financial impact

Increased indirect (operating) costs

### Company-specific description

In the UK, Terex facilities are subject to the UK Streamlined Energy & Carbon Reduction Commitment (SECR). The SECR is a mandatory scheme aimed at improving energy efficiency and cutting emissions in large public and private sector organizations. It is aligned with existing reporting mechanisms such as mandatory reporting of greenhouse gas emissions. UK Terex facilities will continue to report in line with this legislation.

### Time horizon

Short-term

### Likelihood

Likely

### Magnitude of impact

Low

### Are you able to provide a potential financial impact figure?

Yes, a single figure estimate

### Potential financial impact figure (currency)

0

**Potential financial impact figure – minimum (currency)**

**Potential financial impact figure – maximum (currency)**

**Explanation of financial impact figure**

Financial implications are estimated as \$0 as our current level of emissions does not currently require regulatory action.

**Cost of response to risk**

180,000

**Description of response and explanation of cost calculation**

Terex has developed a GHG emissions inventory to manage the risk of regulatory action. For example, in 2022 Terex purchased a new software package to help it monitor, track performance and report progress toward GHG and other sustainability goals. This data is reviewed to analyse energy usage and regulatory risk. Terex spends up to \$180,000 on software and consulting costs.

**Comment**

No additional comments.

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**Identifier**

Risk 2

**Where in the value chain does the risk driver occur?**

Direct operations

**Risk type & Primary climate-related risk driver**

Current regulation  
Carbon pricing mechanisms

**Primary potential financial impact**

Increased indirect (operating) costs

**Company-specific description**

Countries in the EU have implemented the EU Emissions Trading Scheme (ETS), an emissions cap-and-trade program. A total of 30 countries are involved, including Germany and Italy, where Terex facilities are located. The EU ETS is currently in Phase IV. The ETS covers emissions of CO<sub>2</sub>, N<sub>2</sub>O (from processes unrelated to Terex), and perfluorocarbons (from processes unrelated to Terex); except in the Netherlands which also regulates N<sub>2</sub>O; changes to include other GHGs are expected in Phase IV. Current estimates for each of Terex' facilities in EU ETS countries are below the applicable thresholds.

**Time horizon**

Short-term

**Likelihood**

More likely than not

**Magnitude of impact**

Low

**Are you able to provide a potential financial impact figure?**

Yes, a single figure estimate

**Potential financial impact figure (currency)**

0

**Potential financial impact figure – minimum (currency)**

**Potential financial impact figure – maximum (currency)**

**Explanation of financial impact figure**

Financial implications are estimated as \$0 as our current level of emissions does not currently require regulatory action.

**Cost of response to risk**

180,000

**Description of response and explanation of cost calculation**

Terex has developed a GHG emissions inventory to manage the risk of regulatory action. For example, in 2022 Terex purchased a new software package to help it monitor, track performance and report progress toward GHG and other sustainability goals. This data is reviewed to analyse energy usage and regulatory risk. Terex spends up to \$180,000 on software and consulting costs.

**Comment**

No additional comments.

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**Identifier**

Risk 3

**Where in the value chain does the risk driver occur?**

Direct operations

**Risk type & Primary climate-related risk driver**

Current regulation  
Enhanced emissions-reporting obligations

**Primary potential financial impact**



Increased indirect (operating) costs

**Company-specific description**

In Australia, the National Greenhouse and Energy Reporting (NGER) Act of 2007 establishes a national system for reporting greenhouse gas emissions, energy consumption and production by corporations from July 1, 2008. Key features of the NGER Act are reporting of GHG emissions, energy consumption and production by large corporations. The regulation applies at a threshold of 25,000 tonnes of CO2 per year. Current estimates for Terex facilities in Australia are below this threshold.

**Time horizon**

Short-term

**Likelihood**

Likely

**Magnitude of impact**

Low

**Are you able to provide a potential financial impact figure?**

Yes, a single figure estimate

**Potential financial impact figure (currency)**

0

**Potential financial impact figure – minimum (currency)**

**Potential financial impact figure – maximum (currency)**

**Explanation of financial impact figure**

Financial implications are estimated as \$0 as our current level of emissions does not currently require regulatory action.

**Cost of response to risk**

180,000

**Description of response and explanation of cost calculation**

Terex has developed a GHG emissions inventory to manage the risk of regulatory action. For example, in 2022 Terex purchased a new software package to help it monitor, track performance and report progress toward GHG and other sustainability goals. This data is reviewed to analyse energy usage and regulatory risk. Terex spends up to \$180,000 on software and consulting costs.

**Comment**

No additional comments.

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**Identifier**

Risk 4

**Where in the value chain does the risk driver occur?**

Direct operations

**Risk type & Primary climate-related risk driver**

Chronic physical

Changing precipitation patterns and types (rain, hail, snow/ice)

**Primary potential financial impact**

Decreased revenues due to reduced production capacity

**Company-specific description**

Terex is aware that the effect on weather patterns is a major focal point of study relative to climate change, and that some study results indicate the potential for sea level increases and increased frequency of severe weather phenomena such as abnormally deep snowfalls, flooding, storms with very high winds, and extreme high temperatures. Terex understands that such phenomena could impact the company both directly and indirectly. However, a determination of specific risks that these phenomena may pose to Terex is significantly beyond the scope of the current GHG emissions management and sustainability programs initiated by the company.

**Time horizon**

Long-term

**Likelihood**

More likely than not

**Magnitude of impact**

Medium

**Are you able to provide a potential financial impact figure?**

Yes, a single figure estimate

**Potential financial impact figure (currency)**

0

**Potential financial impact figure – minimum (currency)**

**Potential financial impact figure – maximum (currency)**

**Explanation of financial impact figure**

Over the past several years, our business has become less seasonal as we have grown and diversified our product offerings and expanded the geographic reach of our products. In 2023, we expect the overall economic environment will affect our sales more than historical seasonal trends and our estimated financial implication will be \$0.

**Cost of response to risk**

0

**Description of response and explanation of cost calculation**

Terex manages this risk by diversifying our product offerings and geographic reach of our products. For example, in 2022 we sold products in over 100 countries. No additional management costs (\$0) incurred.

**Comment**

No additional comments.

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**Identifier**

Risk 5

**Where in the value chain does the risk driver occur?**

Direct operations

**Risk type & Primary climate-related risk driver**

Technology

Transitioning to lower emissions technology

**Primary potential financial impact**

Other, please specify

Increased production costs due to changing input prices (e.g., energy, water) and output requirements (e.g., waste treatment)

**Company-specific description**

Terex considers the availability and cost of energy a significant risk associated with climate change, with potential significant impact to the company's global manufacturing operations. Based on the efforts that Terex has made to date to develop a GHG emissions inventory, it is evident that energy consumption, including both fuel and electricity use, is the key issue pertaining to climate change for Terex' manufacturing operations. Terex does not currently consume energy from renewable sources, beyond those that are integrated in the electric power grids that serve Terex' facilities. Most of Terex' energy supply involves fossil fuel combustion. To the extent that actions on the regulatory and other levels will be taken to reduce fossil fuel combustion as a means of addressing climate change, this will impact Terex.

**Time horizon**

Medium-term

**Likelihood**

Very likely

**Magnitude of impact**

Low

**Are you able to provide a potential financial impact figure?**

Yes, a single figure estimate

**Potential financial impact figure (currency)**

0.01

**Potential financial impact figure – minimum (currency)**

**Potential financial impact figure – maximum (currency)**

**Explanation of financial impact figure**

Requirements to purchase renewable energy credits could increase energy costs \$0.01/MWh according to the U.S. Department of Energy.

**Cost of response to risk**

2,658,228

**Description of response and explanation of cost calculation**

To mitigate this risk, energy efficiency measures were implemented. The cost associated with the cost for machinery upgrades at several of the Terex manufacturing locations was \$2,578,188; the installation of LED lights across several locations was \$45,459; the cost of new parts for equipment across the portfolio was \$29,700, and the cost for HVAC improvements was \$4,881.

**Comment**

No additional comments.

## C2.4

**(C2.4) Have you identified any climate-related opportunities with the potential to have a substantive financial or strategic impact on your business?**

Yes

## C2.4a

**(C2.4a) Provide details of opportunities identified with the potential to have a substantive financial or strategic impact on your business.**

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**Identifier**

Opp1

**Where in the value chain does the opportunity occur?**

Direct operations

**Opportunity type**

Products and services

**Primary climate-related opportunity driver**

Development and/or expansion of low emission goods and services

### **Primary potential financial impact**

Increased revenues resulting from increased demand for products and services

### **Company-specific description**

Many of our Genie® branded lift models offer all-electric or fuel-electric hybrid options that deliver quiet, emission-free performance, which is necessary for indoor working environments, as well as city centres with noise and emission restrictions. We offer crushers and screens that can operate from electrical power supply lines to help reduce the use of fuel. We were the first to introduce fully electric utility trucks to the marketplace. Hybrid solutions are also available on select utility aerial devices, cranes, and mixer trucks that use battery power to perform certain equipment functions without the engine running. As the market evolves and the regulatory landscape requires low-carbon energy sources and products, Terex is positioned to take advantage of this opportunity.

### **Time horizon**

Medium-term

### **Likelihood**

Very likely

### **Magnitude of impact**

Medium-low

### **Are you able to provide a potential financial impact figure?**

Yes, an estimated range

### **Potential financial impact figure (currency)**

### **Potential financial impact figure – minimum (currency)**

0

### **Potential financial impact figure – maximum (currency)**

44,177,000

### **Explanation of financial impact figure**

Terex estimates low carbon products could increase 0 – 1% of net sales.

### **Cost to realize opportunity**

0

### **Strategy to realize opportunity and explanation of cost calculation**

We are increasing production of products that have lower greenhouse gas emissions in response to both regulatory initiatives and anticipated market demand trends. For example, the newest diesel engine emission reduction regulation introduced in China. These regulations are similar to EU Stage V or Tier 5 and are driving further engine emissions related product development. Terex also offers products that use plug-in electric hybrid technology to save fuel, reduce emissions and reduce noise. No additional management costs (\$0) incurred.

**Comment**

No additional comments.

---

**Identifier**

Opp2

**Where in the value chain does the opportunity occur?**

Downstream

**Opportunity type**

Products and services

**Primary climate-related opportunity driver**

Shift in consumer preferences

**Primary potential financial impact**

Increased revenues resulting from increased demand for products and services

**Company-specific description**

Extreme weather conditions could provide adverse conditions for our end-users which could increase demand for Terex equipment, parts & services, especially in our Utilities business.

**Time horizon**

Short-term

**Likelihood**

About as likely as not

**Magnitude of impact**

Medium-low

**Are you able to provide a potential financial impact figure?**

Yes, an estimated range

**Potential financial impact figure (currency)**

**Potential financial impact figure – minimum (currency)**

0

**Potential financial impact figure – maximum (currency)**

44,177,000

**Explanation of financial impact figure**

We estimate that demand could increase 0 – 1% of net sales.

**Cost to realize opportunity**

0

### **Strategy to realize opportunity and explanation of cost calculation**

We manage this opportunity by offering equipment and services that supports our end-users during and following less desirable weather. For example, we have mobile field services and service offices in 20 cities in the United States and offer field services throughout the globe. No additional management costs (\$0) incurred.

### **Comment**

No additional comments.

---

### **Identifier**

Opp3

### **Where in the value chain does the opportunity occur?**

Direct operations

### **Opportunity type**

Resource efficiency

### **Primary climate-related opportunity driver**

Use of more efficient production and distribution processes

### **Primary potential financial impact**

Reduced indirect (operating) costs

### **Company-specific description**

Terex plants in China, Europe, India, Mexico, UK, and USA are required to participate in energy audits which result in recommendations for energy reduction opportunities. Nearly all Terex plants have completed their audits during 2021 and 2022. Remaining plants are scheduled to be audited in 2023.

### **Time horizon**

Medium-term

### **Likelihood**

Likely

### **Magnitude of impact**

Medium-high

### **Are you able to provide a potential financial impact figure?**

Yes, a single figure estimate

### **Potential financial impact figure (currency)**

44,461

### **Potential financial impact figure – minimum (currency)**

### **Potential financial impact figure – maximum (currency)**

### **Explanation of financial impact figure**

In 2022, Terex integrated several sustainable solutions into their business operations which achieved savings of more than \$636k USD from energy reduction projects. For example, in 2022 Terex completed a comprehensive energy survey and manufacturing equipment upgrades at the Ballymoney facility with resulting savings of \$608,897, installing new parts in machinery saved \$18,385, reduced air compressor leaks for an estimated savings of \$3,000, installed fans to reuse waste heat for spacing heating saving \$2,658, replaced welding equipment for a cost savings of \$1,240, replaced exterior lights to LED lights for a savings of \$1,157, optimized assembly operations for a savings of \$375, eliminated unnecessary heating on one area of a facility for a savings of \$320, and shut down electricity-consuming equipment at the end of the day for a savings of \$120.

### **Cost to realize opportunity**

2,658,228

### **Strategy to realize opportunity and explanation of cost calculation**

To realize this opportunity, energy efficiency measures were implemented. The cost for machinery upgrades at several of the Terex manufacturing locations was \$2,578,188, the cost associated with the installation of LED lights across several locations was \$45,459; the cost of new parts for equipment across the portfolio was \$29,700, and the cost for HVAC improvements was \$4,881.

### **Comment**

No additional comments.

## **C3. Business Strategy**

### **C3.1**

**(C3.1) Does your organization's strategy include a climate transition plan that aligns with a 1.5°C world?**

#### **Row 1**

---

#### **Climate transition plan**

No, but our strategy has been influenced by climate-related risks and opportunities, and we are developing a climate transition plan within two years

#### **Explain why your organization does not have a climate transition plan that aligns with a 1.5°C world and any plans to develop one in the future**

Terex is investigating its current situation and the gap to achieve alignment with a 1.5-degree C world to determine the appropriate climate transition plan for our Company. We believe that it will take two years to complete this project.



## C3.2

**(C3.2) Does your organization use climate-related scenario analysis to inform its strategy?**

	Use of climate-related scenario analysis to inform strategy	Primary reason why your organization does not use climate-related scenario analysis to inform its strategy	Explain why your organization does not use climate-related scenario analysis to inform its strategy and any plans to use it in the future
Row 1	No, and we do not anticipate doing so in the next two years	Other, please specify  The scenarios analysis could become part of the evolving ESG strategy	Terex does not use climate-related scenario analysis to inform its business strategy because Terex is currently using other methods to evaluate, measure, and respond to potential climate risk scenarios. Terex recognizes shifts in global markets and technological trends including a reduced market demand for higher-carbon products and increased demand for energy efficient, lower carbon products and services. It is evident that the fuel-efficient products, alongside energy efficient services and operations, are more and more important. Terex has introduced intermediate steps towards setting long term carbon reduction objectives. These include internal Company targets to assist Terex in the reduction of its global energy usage and emissions. Terex is currently evaluating a variety of reporting structures and will select the one that best suits our Company and our carbon reduction journey. The structures include implementation of more energy efficient solutions at our plants and the expansion of electric/hybrid products such as the Genie Electric Drive Scissor, the Finlay Hybrid Jaw Crusher and our Utilities HyPower Hybrid Solution.

## C3.3

**(C3.3) Describe where and how climate-related risks and opportunities have influenced your strategy.**

Have climate-related risks and opportunities influenced your strategy in this area?	Description of influence

Products and services	Yes	i) We have identified several product lines that have been influenced by climate mitigation enhancements, in the short term. ii) Our most substantial strategic decision to date has been to develop Tier 4 and 5 compliant diesel engine equipped products, utility trucks that use plugin electric hybrid technology to save fuel, reduce emissions and reduce noise, hybrid drive diesel hydraulic and diesel electric systems on our Material Processing equipment and the Genie all-electric scissor lift with an extended battery life (introduced in 2022).
Supply chain and/or value chain	Yes	i) Our strategy is to help customers and end-users adapt to climate change effects. ii) We offer equipment that can be used in areas impacted by severe weather, which in some cases may have been exacerbated by climate change effects.
Investment in R&D	Yes	i) Our strategy toward R&D has been influenced by climate mitigation efforts. ii) A substantial strategic decision is the development of low carbon products for our end-users.
Operations	Yes	i) Our strategy toward operations has been influenced by climate mitigation efforts. ii) A substantial strategic decision has been to implement energy- and GHG-reducing projects in our plants, which have also reduced our operating costs.

### C3.4

**(C3.4) Describe where and how climate-related risks and opportunities have influenced your financial planning.**

	Financial planning elements that have been influenced	Description of influence
Row 1	Revenues Direct costs Indirect costs Capital expenditures Acquisitions and divestments Assets	<p>i) Climate-related opportunity has influenced our revenue planning. For example, Tier 4 and Tier 5 compliant diesel engine equipped products; utility trucks that use plugin electric hybrid technology to save fuel, reduce emissions and reduce noise; many Genie lift models offer electric or hybrid options, and hybrid drive diesel hydraulic and diesel electric systems on material processing equipment are expected to continue increasing in demand as end-users seek to mitigate climate change impacts. This influence has occurred and will likely continue to occur.</p> <p>ii) Climate-related risk and opportunity has influenced our planning on operational costs. For example, we have planned energy efficiency projects to reduce operating costs and GHG emissions. This influence has occurred and will continue to occur.</p>

## C3.5

**(C3.5) In your organization's financial accounting, do you identify spending/revenue that is aligned with your organization's climate transition?**

	Identification of spending/revenue that is aligned with your organization's climate transition
Row 1	

## C4. Targets and performance

### C4.1

**(C4.1) Did you have an emissions target that was active in the reporting year?**

Absolute target

Intensity target

#### C4.1a

**(C4.1a) Provide details of your absolute emissions target(s) and progress made against those targets.**

---

**Target reference number**

Abs 1

**Is this a science-based target?**

No, but we anticipate setting one in the next two years

**Target ambition**

**Year target was set**

2019

**Target coverage**

Company-wide

**Scope(s)**

Scope 1

Scope 2

**Scope 2 accounting method**

Location-based

**Scope 3 category(ies)**

**Base year**

2019

**Base year Scope 1 emissions covered by target (metric tons CO<sub>2</sub>e)**

34,177

**Base year Scope 2 emissions covered by target (metric tons CO<sub>2</sub>e)**

24,398

**Base year Scope 3, Category 1: Purchased goods and services emissions covered by target (metric tons CO<sub>2</sub>e)**

**Base year Scope 3, Category 2: Capital goods emissions covered by target (metric tons CO<sub>2</sub>e)**

**Base year Scope 3, Category 3: Fuel-and-energy-related activities (not included in Scopes 1 or 2) emissions covered by target (metric tons CO<sub>2</sub>e)**

**Base year Scope 3, Category 4: Upstream transportation and distribution emissions covered by target (metric tons CO<sub>2</sub>e)**

**Base year Scope 3, Category 5: Waste generated in operations emissions covered by target (metric tons CO<sub>2</sub>e)**

**Base year Scope 3, Category 6: Business travel emissions covered by target (metric tons CO<sub>2</sub>e)**

**Base year Scope 3, Category 7: Employee commuting emissions covered by target (metric tons CO<sub>2</sub>e)**

**Base year Scope 3, Category 8: Upstream leased assets emissions covered by target (metric tons CO<sub>2</sub>e)**

**Base year Scope 3, Category 9: Downstream transportation and distribution emissions covered by target (metric tons CO<sub>2</sub>e)**

**Base year Scope 3, Category 10: Processing of sold products emissions covered by target (metric tons CO<sub>2</sub>e)**

**Base year Scope 3, Category 11: Use of sold products emissions covered by target (metric tons CO2e)**

**Base year Scope 3, Category 12: End-of-life treatment of sold products emissions covered by target (metric tons CO2e)**

**Base year Scope 3, Category 13: Downstream leased assets emissions covered by target (metric tons CO2e)**

**Base year Scope 3, Category 14: Franchises emissions covered by target (metric tons CO2e)**

**Base year Scope 3, Category 15: Investments emissions covered by target (metric tons CO2e)**

**Base year Scope 3, Other (upstream) emissions covered by target (metric tons CO2e)**

**Base year Scope 3, Other (downstream) emissions covered by target (metric tons CO2e)**

**Base year total Scope 3 emissions covered by target (metric tons CO2e)**

**Total base year emissions covered by target in all selected Scopes (metric tons CO2e)**

58,575

**Base year Scope 1 emissions covered by target as % of total base year emissions in Scope 1**

100

**Base year Scope 2 emissions covered by target as % of total base year emissions in Scope 2**

100

**Base year Scope 3, Category 1: Purchased goods and services emissions covered by target as % of total base year emissions in Scope 3, Category 1: Purchased goods and services (metric tons CO2e)**

**Base year Scope 3, Category 2: Capital goods emissions covered by target as % of total base year emissions in Scope 3, Category 2: Capital goods (metric tons CO<sub>2</sub>e)**

**Base year Scope 3, Category 3: Fuel-and-energy-related activities (not included in Scopes 1 or 2) emissions covered by target as % of total base year emissions in Scope 3, Category 3: Fuel-and-energy-related activities (not included in Scopes 1 or 2) (metric tons CO<sub>2</sub>e)**

**Base year Scope 3, Category 4: Upstream transportation and distribution covered by target as % of total base year emissions in Scope 3, Category 4: Upstream transportation and distribution (metric tons CO<sub>2</sub>e)**

**Base year Scope 3, Category 5: Waste generated in operations emissions covered by target as % of total base year emissions in Scope 3, Category 5: Waste generated in operations (metric tons CO<sub>2</sub>e)**

**Base year Scope 3, Category 6: Business travel emissions covered by target as % of total base year emissions in Scope 3, Category 6: Business travel (metric tons CO<sub>2</sub>e)**

**Base year Scope 3, Category 7: Employee commuting covered by target as % of total base year emissions in Scope 3, Category 7: Employee commuting (metric tons CO<sub>2</sub>e)**

**Base year Scope 3, Category 8: Upstream leased assets emissions covered by target as % of total base year emissions in Scope 3, Category 8: Upstream leased assets (metric tons CO<sub>2</sub>e)**

**Base year Scope 3, Category 9: Downstream transportation and distribution emissions covered by target as % of total base year emissions in Scope 3, Category 9: Downstream transportation and distribution (metric tons CO<sub>2</sub>e)**

**Base year Scope 3, Category 10: Processing of sold products emissions covered by target as % of total base year emissions in Scope 3, Category 10: Processing of sold products (metric tons CO<sub>2</sub>e)**

**Base year Scope 3, Category 11: Use of sold products emissions covered by target as % of total base year emissions in Scope 3, Category 11: Use of sold products (metric tons CO2e)**

**Base year Scope 3, Category 12: End-of-life treatment of sold products emissions covered by target as % of total base year emissions in Scope 3, Category 12: End-of-life treatment of sold products (metric tons CO2e)**

**Base year Scope 3, Category 13: Downstream leased assets emissions covered by target as % of total base year emissions in Scope 3, Category 13: Downstream leased assets (metric tons CO2e)**

**Base year Scope 3, Category 14: Franchises emissions covered by target as % of total base year emissions in Scope 3, Category 14: Franchises (metric tons CO2e)**

**Base year Scope 3, Category 15: Investments emissions covered by target as % of total base year emissions in Scope 3, Category 15: Investments (metric tons CO2e)**

**Base year Scope 3, Other (upstream) emissions covered by target as % of total base year emissions in Scope 3, Other (upstream) (metric tons CO2e)**

**Base year Scope 3, Other (downstream) emissions covered by target as % of total base year emissions in Scope 3, Other (downstream) (metric tons CO2e)**

**Base year total Scope 3 emissions covered by target as % of total base year emissions in Scope 3 (in all Scope 3 categories)**

**Base year emissions covered by target in all selected Scopes as % of total base year emissions in all selected Scopes**

100

**Target year**

2024

**Targeted reduction from base year (%)**

15

**Total emissions in target year covered by target in all selected Scopes (metric tons CO<sub>2</sub>e) [auto-calculated]**

49,788.75

**Scope 1 emissions in reporting year covered by target (metric tons CO<sub>2</sub>e)**

31,197

**Scope 2 emissions in reporting year covered by target (metric tons CO<sub>2</sub>e)**

19,396

**Scope 3, Category 1: Purchased goods and services emissions in reporting year covered by target (metric tons CO<sub>2</sub>e)**

**Scope 3, Category 2: Capital goods emissions in reporting year covered by target (metric tons CO<sub>2</sub>e)**

**Scope 3, Category 3: Fuel-and-energy-related activities (not included in Scopes 1 or 2) emissions in reporting year covered by target (metric tons CO<sub>2</sub>e)**

**Scope 3, Category 4: Upstream transportation and distribution emissions in reporting year covered by target (metric tons CO<sub>2</sub>e)**

**Scope 3, Category 5: Waste generated in operations emissions in reporting year covered by target (metric tons CO<sub>2</sub>e)**

**Scope 3, Category 6: Business travel emissions in reporting year covered by target (metric tons CO<sub>2</sub>e)**

**Scope 3, Category 7: Employee commuting emissions in reporting year covered by target (metric tons CO<sub>2</sub>e)**

**Scope 3, Category 8: Upstream leased assets emissions in reporting year covered by target (metric tons CO<sub>2</sub>e)**

**Scope 3, Category 9: Downstream transportation and distribution emissions in reporting year covered by target (metric tons CO<sub>2</sub>e)**

**Scope 3, Category 10: Processing of sold products emissions in reporting year covered by target (metric tons CO<sub>2</sub>e)**



**Scope 3, Category 11: Use of sold products emissions in reporting year covered by target (metric tons CO2e)**

**Scope 3, Category 12: End-of-life treatment of sold products emissions in reporting year covered by target (metric tons CO2e)**

**Scope 3, Category 13: Downstream leased assets emissions in reporting year covered by target (metric tons CO2e)**

**Scope 3, Category 14: Franchises emissions in reporting year covered by target (metric tons CO2e)**

**Scope 3, Category 15: Investments emissions in reporting year covered by target (metric tons CO2e)**

**Scope 3, Other (upstream) emissions in reporting year covered by target (metric tons CO2e)**

**Scope 3, Other (downstream) emissions in reporting year covered by target (metric tons CO2e)**

**Total Scope 3 emissions in reporting year covered by target (metric tons CO2e)**

**Total emissions in reporting year covered by target in all selected scopes (metric tons CO2e)**

50,593

**Does this target cover any land-related emissions?**

No, it does not cover any land-related emissions (e.g. non-FLAG SBT)

**% of target achieved relative to base year [auto-calculated]**

90.8464931

**Target status in reporting year**

Underway

**Please explain target coverage and identify any exclusions**

We are targeting a 15% reduction in Greenhouse Gas (“GHG”) emissions by 2024 (from our 2019 baseline). We monitor GHG emission from direct combustions, electricity, refrigerants, and vehicle fuel usage. All of Terex manufacturing sites participated in our greenhouse gas emission reduction campaign and are required to put processes in place that will reduce emissions.

#### **Plan for achieving target, and progress made to the end of the reporting year**

Carbon Reduction initiatives are planned and implemented throughout the organization globally. Global locations are conducting energy related audits to identify areas for improvement and review of reduction in energy consumption and of long term decarbonization of the processes and assets.

List of emission reduction initiatives that were implemented include:

- Projects to optimise office equipment
- Automation of manufacturing tasks and procedures resulting in reduced energy consumption
- LED installations in several global locations
- Upgrades to building envelopes to maximise energy efficiency
- Replacement of machinery and tools or the addition of new machinery and tools that are more energy efficient
- Installation of occupancy sensors
- Water saving projects
- Awareness projects
- Installation of solar panels

#### **List the emissions reduction initiatives which contributed most to achieving this target**

## **C4.1b**

**(C4.1b) Provide details of your emissions intensity target(s) and progress made against those target(s).**

---

#### **Target reference number**

Int 1

#### **Is this a science-based target?**

No, but we anticipate setting one in the next two years

#### **Target ambition**

#### **Year target was set**

2019

#### **Target coverage**

Company-wide

**Scope(s)**

Scope 1

Scope 2

**Scope 2 accounting method**

Location-based

**Scope 3 category(ies)**

**Intensity metric**

Metric tons CO<sub>2</sub>e per unit hour worked

**Base year**

2019

**Intensity figure in base year for Scope 1 (metric tons CO<sub>2</sub>e per unit of activity)**

0.0016658

**Intensity figure in base year for Scope 2 (metric tons CO<sub>2</sub>e per unit of activity)**

0.0011892

**Intensity figure in base year for Scope 3, Category 1: Purchased goods and services (metric tons CO<sub>2</sub>e per unit of activity)**

**Intensity figure in base year for Scope 3, Category 2: Capital goods (metric tons CO<sub>2</sub>e per unit of activity)**

**Intensity figure in base year for Scope 3, Category 3: Fuel-and-energy-related activities (not included in Scopes 1 or 2) (metric tons CO<sub>2</sub>e per unit of activity)**

**Intensity figure in base year for Scope 3, Category 4: Upstream transportation and distribution (metric tons CO<sub>2</sub>e per unit of activity)**

**Intensity figure in base year for Scope 3, Category 5: Waste generated in operations (metric tons CO<sub>2</sub>e per unit of activity)**

**Intensity figure in base year for Scope 3, Category 6: Business travel (metric tons CO<sub>2</sub>e per unit of activity)**

**Intensity figure in base year for Scope 3, Category 7: Employee commuting (metric tons CO<sub>2</sub>e per unit of activity)**

**Intensity figure in base year for Scope 3, Category 8: Upstream leased assets (metric tons CO<sub>2</sub>e per unit of activity)**

**Intensity figure in base year for Scope 3, Category 9: Downstream transportation and distribution (metric tons CO<sub>2</sub>e per unit of activity)**

**Intensity figure in base year for Scope 3, Category 10: Processing of sold products (metric tons CO<sub>2</sub>e per unit of activity)**

**Intensity figure in base year for Scope 3, Category 11: Use of sold products (metric tons CO<sub>2</sub>e per unit of activity)**

**Intensity figure in base year for Scope 3, Category 12: End-of-life treatment of sold products (metric tons CO<sub>2</sub>e per unit of activity)**

**Intensity figure in base year for Scope 3, Category 13: Downstream leased assets (metric tons CO<sub>2</sub>e per unit of activity)**

**Intensity figure in base year for Scope 3, Category 14: Franchises (metric tons CO<sub>2</sub>e per unit of activity)**

**Intensity figure in base year for Scope 3, Category 15: Investments (metric tons CO<sub>2</sub>e per unit of activity)**

**Intensity figure in base year for Scope 3, Other (upstream) (metric tons CO<sub>2</sub>e per unit of activity)**

**Intensity figure in base year for Scope 3, Other (downstream) (metric tons CO<sub>2</sub>e per unit of activity)**

**Intensity figure in base year for total Scope 3 (metric tons CO<sub>2</sub>e per unit of activity)**

**Intensity figure in base year for all selected Scopes (metric tons CO<sub>2</sub>e per unit of activity)**

0.002855

**% of total base year emissions in Scope 1 covered by this Scope 1 intensity figure**

100

**% of total base year emissions in Scope 2 covered by this Scope 2 intensity figure**

100

**% of total base year emissions in Scope 3, Category 1: Purchased goods and services covered by this Scope 3, Category 1: Purchased goods and services intensity figure**

**% of total base year emissions in Scope 3, Category 2: Capital goods covered by this Scope 3, Category 2: Capital goods intensity figure**

**% of total base year emissions in Scope 3, Category 3: Fuel-and-energy-related activities (not included in Scopes 1 or 2) covered by this Scope 3, Category 3: Fuel-and-energy-related activities (not included in Scopes 1 or 2) intensity figure**

**% of total base year emissions in Scope 3, Category 4: Upstream transportation and distribution covered by this Scope 3, Category 4: Upstream transportation and distribution intensity figure**

**% of total base year emissions in Scope 3, Category 5: Waste generated in operations covered by this Scope 3, Category 5: Waste generated in operations intensity figure**

**% of total base year emissions in Scope 3, Category 6: Business travel covered by this Scope 3, Category 6: Business travel intensity figure**

**% of total base year emissions in Scope 3, Category 7: Employee commuting covered by this Scope 3, Category 7: Employee commuting intensity figure**

**% of total base year emissions in Scope 3, Category 8: Upstream leased assets covered by this Scope 3, Category 8: Upstream leased assets intensity figure**

**% of total base year emissions in Scope 3, Category 9: Downstream transportation and distribution covered by this Scope 3, Category 9: Downstream transportation and distribution intensity figure**

**% of total base year emissions in Scope 3, Category 10: Processing of sold products covered by this Scope 3, Category 10: Processing of sold products intensity figure**

**% of total base year emissions in Scope 3, Category 11: Use of sold products covered by this Scope 3, Category 11: Use of sold products intensity figure**

**% of total base year emissions in Scope 3, Category 12: End-of-life treatment of sold products covered by this Scope 3, Category 12: End-of-life treatment of sold products intensity figure**

**% of total base year emissions in Scope 3, Category 13: Downstream leased assets covered by this Scope 3, Category 13: Downstream leased assets intensity figure**

**% of total base year emissions in Scope 3, Category 14: Franchises covered by this Scope 3, Category 14: Franchises intensity figure**

**% of total base year emissions in Scope 3, Category 15: Investments covered by this Scope 3, Category 15: Investments intensity figure**

**% of total base year emissions in Scope 3, Other (upstream) covered by this Scope 3, Other (upstream) intensity figure**

**% of total base year emissions in Scope 3, Other (downstream) covered by this Scope 3, Other (downstream) intensity figure**

**% of total base year emissions in Scope 3 (in all Scope 3 categories) covered by this total Scope 3 intensity figure**

**% of total base year emissions in all selected Scopes covered by this intensity figure**

100

**Target year**

2024

**Targeted reduction from base year (%)**

15

**Intensity figure in target year for all selected Scopes (metric tons CO<sub>2</sub>e per unit of activity) [auto-calculated]**

0.00242675

**% change anticipated in absolute Scope 1+2 emissions**

15

**% change anticipated in absolute Scope 3 emissions**

**Intensity figure in reporting year for Scope 1 (metric tons CO<sub>2</sub>e per unit of activity)**

0.0017254

**Intensity figure in reporting year for Scope 2 (metric tons CO<sub>2</sub>e per unit of activity)**

0.0010724

**Intensity figure in reporting year for Scope 3, Category 1: Purchased goods and services (metric tons CO<sub>2</sub>e per unit of activity)**

**Intensity figure in reporting year for Scope 3, Category 2: Capital goods (metric tons CO<sub>2</sub>e per unit of activity)**

**Intensity figure in reporting year for Scope 3, Category 3: Fuel-and-energy-related activities (not included in Scopes 1 or 2) (metric tons CO<sub>2</sub>e per unit of activity)**

**Intensity figure in reporting year for Scope 3, Category 4: Upstream transportation and distribution (metric tons CO<sub>2</sub>e per unit of activity)**

**Intensity figure in reporting year for Scope 3, Category 5: Waste generated in operations (metric tons CO<sub>2</sub>e per unit of activity)**

**Intensity figure in reporting year for Scope 3, Category 6: Business travel (metric tons CO<sub>2</sub>e per unit of activity)**

**Intensity figure in reporting year for Scope 3, Category 7: Employee commuting (metric tons CO<sub>2</sub>e per unit of activity)**

**Intensity figure in reporting year for Scope 3, Category 8: Upstream leased assets (metric tons CO<sub>2</sub>e per unit of activity)**

**Intensity figure in reporting year for Scope 3, Category 9: Downstream transportation and distribution (metric tons CO<sub>2</sub>e per unit of activity)**

**Intensity figure in reporting year for Scope 3, Category 10: Processing of sold products (metric tons CO<sub>2</sub>e per unit of activity)**

**Intensity figure in reporting year for Scope 3, Category 11: Use of sold products (metric tons CO<sub>2</sub>e per unit of activity)**

**Intensity figure in reporting year for Scope 3, Category 12: End-of-life treatment of sold products (metric tons CO<sub>2</sub>e per unit of activity)**

**Intensity figure in reporting year for Scope 3, Category 13: Downstream leased assets (metric tons CO<sub>2</sub>e per unit of activity)**

**Intensity figure in reporting year for Scope 3, Category 14: Franchises (metric tons CO<sub>2</sub>e per unit of activity)**

**Intensity figure in reporting year for Scope 3, Category 15: Investments (metric tons CO<sub>2</sub>e per unit of activity)**

**Intensity figure in reporting year for Scope 3, Other (upstream) (metric tons CO<sub>2</sub>e per unit of activity)**

**Intensity figure in reporting year for Scope 3, Other (downstream) (metric tons CO<sub>2</sub>e per unit of activity)**

**Intensity figure in reporting year for total Scope 3 (metric tons CO<sub>2</sub>e per unit of activity)**



**Intensity figure in reporting year for all selected Scopes (metric tons CO<sub>2</sub>e per unit of activity)**

0.0027978

**Does this target cover any land-related emissions?**

No, it does not cover any land-related emissions (e.g. non-FLAG SBT)

**% of target achieved relative to base year [auto-calculated]**

13.3566841798

**Target status in reporting year**

Underway

**Please explain target coverage and identify any exclusions**

Terex hours worked for reporting year 2022: 18,082,717

Terex total scope 1 emissions = 31,197, scope 2 emissions = 19,396 and total scope 1 + scope 2 emissions = 50,593 MTCO<sub>2</sub>e

**Plan for achieving target, and progress made to the end of the reporting year**

Energy reduction initiatives are planned and implemented throughout the organization globally. Global locations are conducting energy related audits to identify areas for improvement and review of reduction in energy consumption and of long term decarbonization of the processes and assets.

List of emission reduction initiatives that were implemented include:

- Projects to optimise office equipment
- Automation of manufacturing tasks and procedures resulting in reduced energy consumption
- LED installations in several global locations
- Upgrades to building envelopes to maximise energy efficiency
- Replacement of machinery and tools or the addition of new machinery and tools that are more energy efficient
- Installation of occupancy sensors
- Water saving projects
- Awareness projects
- Installation of solar panels

**List the emissions reduction initiatives which contributed most to achieving this target**

## C4.2

**(C4.2) Did you have any other climate-related targets that were active in the reporting year?**

Target(s) to increase low-carbon energy consumption or production

Other climate-related target(s)

## C4.2a

**(C4.2a) Provide details of your target(s) to increase low-carbon energy consumption or production.**

## C4.2b

**(C4.2b) Provide details of any other climate-related targets, including methane reduction targets.**

---

**Target reference number**

Oth 1

**Year target was set**

2020

**Target coverage**

Company-wide

**Target type: absolute or intensity**

Intensity

**Target type: category & Metric (target numerator if reporting an intensity target)**

Energy consumption or efficiency

GJ

**Target denominator (intensity targets only)**

Other, please specify

hours worked

**Base year**

2019

**Figure or percentage in base year**

0.0454

**Target year**

2024

**Figure or percentage in target year**

0.0386

**Figure or percentage in reporting year**

0.0474

**% of target achieved relative to base year [auto-calculated]**

-29.4117647059

**Target status in reporting year**

**Is this target part of an emissions target?**

ABS 1, INT 1

**Is this target part of an overarching initiative?**

No, it's not part of an overarching initiative

**Please explain target coverage and identify any exclusions**

Similar to GHG, our global energy intensity conservation goal is a 15% reduction from our 2019 baseline by 2024.

To calculate the intensity target, we assumed the following:

Terex hours worked for reporting year 2022 equals to 18,082,717 hrs

Total energy consumption (renewable and non-renewable) equals to 856,642 GJ.

**Plan for achieving target, and progress made to the end of the reporting year**

**List the actions which contributed most to achieving this target**

**C4.3**

**(C4.3) Did you have emissions reduction initiatives that were active within the reporting year? Note that this can include those in the planning and/or implementation phases.**

Yes

**C4.3a**

**(C4.3a) Identify the total number of initiatives at each stage of development, and for those in the implementation stages, the estimated CO2e savings.**

	Number of initiatives	Total estimated annual CO2e savings in metric tonnes CO2e (only for rows marked *)
Under investigation	0	0
To be implemented*	22	147.5
Implementation commenced*	19	179.3
Implemented*	36	806.6
Not to be implemented	0	0

## C4.3b

**(C4.3b) Provide details on the initiatives implemented in the reporting year in the table below.**

---

**Initiative category & Initiative type**

Energy efficiency in buildings  
Lighting

**Estimated annual CO<sub>2</sub>e savings (metric tonnes CO<sub>2</sub>e)**

310.3

**Scope(s) or Scope 3 category(ies) where emissions savings occur**

Scope 2 (location-based)

**Voluntary/Mandatory**

Voluntary

**Annual monetary savings (unit currency – as specified in C0.4)**

1,157

**Investment required (unit currency – as specified in C0.4)**

45,459

**Payback period**

4-10 years

**Estimated lifetime of the initiative**

11-15 years

**Comment**

Lighting upgrades at several facilities resulted in reduced consumption of 2,096,995 kWh of electricity. Using a weighted average electricity emissions factor of 0.14795 kg CO<sub>2</sub>e/kWh, we estimate savings of 310.3 metric tonnes CO<sub>2</sub>e.

---

**Initiative category & Initiative type**

Energy efficiency in production processes  
Process optimization

**Estimated annual CO<sub>2</sub>e savings (metric tonnes CO<sub>2</sub>e)**

3.3

**Scope(s) or Scope 3 category(ies) where emissions savings occur**

Scope 1  
Scope 2 (location-based)

**Voluntary/Mandatory**

Voluntary

**Annual monetary savings (unit currency – as specified in C0.4)**

840

**Investment required (unit currency – as specified in C0.4)**

0

**Payback period**

<1 year

**Estimated lifetime of the initiative**

11-15 years

**Comment**

Various process optimization changes were able to reduce approximately 6,975 kWh of electricity and 144 kg of LPG. Using a weighted average factors of 0.40958 kg CO<sub>2</sub>e/kWh and 2.935 kg CO<sub>2</sub>e/kg LPG, we estimate savings of 3.3 metric tonnes CO<sub>2</sub>e.

---

**Initiative category & Initiative type**

Energy efficiency in production processes  
Compressed air

**Estimated annual CO<sub>2</sub>e savings (metric tonnes CO<sub>2</sub>e)**

33.4

**Scope(s) or Scope 3 category(ies) where emissions savings occur**

Scope 2 (location-based)

**Voluntary/Mandatory**

Voluntary

**Annual monetary savings (unit currency – as specified in C0.4)**

38,566

**Investment required (unit currency – as specified in C0.4)**

**Payback period**

**Estimated lifetime of the initiative**

11-15 years

**Comment**

Several initiatives to repair leaks and optimize compressed air system pressure levels across multiple facilities resulted in estimated electricity savings of 155,930 kWh. Using a weighted average electricity emission factor of 0.21393 kg CO<sub>2</sub>e/kWh, we estimate savings of 33.4 metric tonnes CO<sub>2</sub>e.

---

**Initiative category & Initiative type**

Energy efficiency in production processes

Waste heat recovery

**Estimated annual CO<sub>2</sub>e savings (metric tonnes CO<sub>2</sub>e)**

6.5

**Scope(s) or Scope 3 category(ies) where emissions savings occur**

Scope 1

**Voluntary/Mandatory**

Voluntary

**Annual monetary savings (unit currency – as specified in C0.4)**

2,658

**Investment required (unit currency – as specified in C0.4)**

**Payback period**

**Estimated lifetime of the initiative**

11-15 years

**Comment**

Our Canton, South Dakota USA, installed fans to redistribute waste heat for internal space heating, resulting in a reduction of 35,788 kWh of natural gas. Using a factor of 0.181 kg CO<sub>2</sub>e/kWh, we estimate savings of 6.5 metric tonnes CO<sub>2</sub>e.

---

**Initiative category & Initiative type**

Energy efficiency in production processes

Machine/equipment replacement

**Estimated annual CO<sub>2</sub>e savings (metric tonnes CO<sub>2</sub>e)**

164

**Scope(s) or Scope 3 category(ies) where emissions savings occur**

Scope 1

Scope 2 (location-based)

**Voluntary/Mandatory**

Voluntary

**Annual monetary savings (unit currency – as specified in C0.4)**

643,663

**Investment required (unit currency – as specified in C0.4)**

2,578,188

**Payback period**

4-10 years

**Estimated lifetime of the initiative**

11-15 years

**Comment**

We replaced welding equipment, assembly equipment, tool cart, and blasting machine across multiple facilities which resulted in estimated savings of 423,279 kWh of electricity and 181,278 kWh of natural gas. Using a weighted average factor of 0.30992 kg CO<sub>2</sub>e/kWh electricity and 0.181 kg CO<sub>2</sub>e/kWh natural gas, we estimate savings of 164 metric tonnes CO<sub>2</sub>e.

---

**Initiative category & Initiative type**

Energy efficiency in production processes  
Motors and drives

**Estimated annual CO<sub>2</sub>e savings (metric tonnes CO<sub>2</sub>e)**

23.6

**Scope(s) or Scope 3 category(ies) where emissions savings occur**

Scope 2 (location-based)

**Voluntary/Mandatory**

Voluntary

**Annual monetary savings (unit currency – as specified in C0.4)**

18,385

**Investment required (unit currency – as specified in C0.4)**

29,700

**Payback period**

1-3 years

**Estimated lifetime of the initiative**

11-15 years

### Comment

We replaced a standard drive with a variable speed drive on a compressor at the Omagh, Northern Ireland facility which saves an estimated 122,198 kWh annually. Using a factor of 0.193 kg CO<sub>2</sub>e/kWh, we estimate savings of 23.6 metric tonnes CO<sub>2</sub>e.

---

### Initiative category & Initiative type

Energy efficiency in buildings  
Heating, Ventilation and Air Conditioning (HVAC)

### Estimated annual CO<sub>2</sub>e savings (metric tonnes CO<sub>2</sub>e)

18.5

### Scope(s) or Scope 3 category(ies) where emissions savings occur

Scope 2 (location-based)

### Voluntary/Mandatory

Voluntary

### Annual monetary savings (unit currency – as specified in C0.4)

1,147

### Investment required (unit currency – as specified in C0.4)

4,881

### Payback period

4-10 years

### Estimated lifetime of the initiative

11-15 years

### Comment

Various HVAC upgrades (equipment and control systems) at multiple facilities will reduce electricity consumption by an estimated 33,150 kWh annually. Using a weighted average factor of 0.55757 kg CO<sub>2</sub>e/kWh, we estimate savings of 18.5 metric tonnes CO<sub>2</sub>e.

---

### Initiative category & Initiative type

Low-carbon energy generation  
Solar PV

### Estimated annual CO<sub>2</sub>e savings (metric tonnes CO<sub>2</sub>e)

247

### Scope(s) or Scope 3 category(ies) where emissions savings occur

Scope 2 (location-based)



**Voluntary/Mandatory**

Voluntary

**Annual monetary savings (unit currency – as specified in C0.4)**

**Investment required (unit currency – as specified in C0.4)**

0

**Payback period**

<1 year

**Estimated lifetime of the initiative**

16-20 years

**Comment**

At our Changzhou, China facility, we installed a solar panel system that will reduce our consumption from the grid by 400,000 kWh annually. Using an emission factor of 0.6176 kg CO2e/kWh, we estimate savings of 247 metric tonnes CO2e.

**C4.3c**

**(C4.3c) What methods do you use to drive investment in emissions reduction activities?**

Method	Comment
Other Internal Energy Consumption (“EC”)/GHG Road Map scores	Terex sites maintain a level of internal EC/GHG Road Map scores for energy efficiency and improvement plans, which are used to inform management about opportunities and drive investment in emissions reduction activities.

**C4.5**

**(C4.5) Do you classify any of your existing goods and/or services as low-carbon products?**

Yes

**C4.5a**

**(C4.5a) Provide details of your products and/or services that you classify as low-carbon products.**

**Level of aggregation**

Group of products or services

**Taxonomy used to classify product(s) or service(s) as low-carbon**

No taxonomy used to classify product(s) or service(s) as low carbon

**Type of product(s) or service(s)**

Road

Other, please specify

Electric and hybrid non-road mobile machinery and equipment for professional use.

**Description of product(s) or service(s)**

The use of certain models of hybrid and battery powered equipment, produced by Terex, allows the end user to avoid fuels that would otherwise be consumed by standard equipment.

**Have you estimated the avoided emissions of this low-carbon product(s) or service(s)**

No

**Methodology used to calculate avoided emissions**

**Life cycle stage(s) covered for the low-carbon product(s) or services(s)**

**Functional unit used**

**Reference product/service or baseline scenario used**

**Life cycle stage(s) covered for the reference product/service or baseline scenario**

**Estimated avoided emissions (metric tons CO<sub>2</sub>e per functional unit) compared to reference product/service or baseline scenario**

**Explain your calculation of avoided emissions, including any assumptions**

**Revenue generated from low-carbon product(s) or service(s) as % of total revenue in the reporting year**

## C5. Emissions methodology

### C5.1

**(C5.1) Is this your first year of reporting emissions data to CDP?**

No

## C5.1a

**(C5.1a) Has your organization undergone any structural changes in the reporting year, or are any previous structural changes being accounted for in this disclosure of emissions data?**

### Row 1

**Has there been a structural change?**

Yes, an acquisition

**Name of organization(s) acquired, divested from, or merged with**

1. Terex acquired a 100% ownership interest in Steelweld Fabrications Limited ("Steelweld"), a manufacturer of heavy fabrications based in Northern Ireland.
2. Terex acquired a 100% ownership interest in ProAll International Mfg. Inc. and ProAll UK Limited and related assets ("ProAll"), a manufacturer of volumetric mixers based in Canada.

**Details of structural change(s), including completion dates**

1. On April 22, 2022, the Company acquired a 100% ownership interest in Steelweld Fabrications Limited ("Steelweld"), a manufacturer of heavy fabrications based in Northern Ireland, to facilitate manufacturing of certain material processing equipment.
2. On July 29, 2022, the Company acquired a 100% ownership interest in ProAll International Mfg. Inc. and ProAll UK Limited and related assets ("ProAll"), a manufacturer of volumetric mixers based in Canada, to expand the Company's concrete product offering.

## C5.1b

**(C5.1b) Has your emissions accounting methodology, boundary, and/or reporting year definition changed in the reporting year?**

	<b>Change(s) in methodology, boundary, and/or reporting year definition?</b>	<b>Details of methodology, boundary, and/or reporting year definition change(s)</b>
Row 1	Yes, a change in methodology	Starting in 2022, Terex purchased a new GHG accounting software which uses slightly different emission factors compared to our previous calculations. As part of our reporting, we recalculated our base year emissions using the software enabling our Company to report results and performance with a consistent methodology.

## C5.1c

**(C5.1c) Have your organization's base year emissions and past years' emissions been recalculated as a result of any changes or errors reported in C5.1a and/or C5.1b?**

	Base year recalculation	Scope(s) recalculated	Base year emissions recalculation policy, including significance threshold	Past years' recalculation
Row 1	Yes	Scope 1 Scope 2, location-based Scope 2, market-based Scope 3	The base year recalculation policy is based on the materiality test of 5%. If the net impact of new and divested locations or methodology change is more than 5% in a year for the emissions, then Terex will consider base year emissions recalculation.	No

## C5.2

**(C5.2) Provide your base year and base year emissions.**

### Scope 1

**Base year start**

January 1, 2019

**Base year end**

December 31, 2019

**Base year emissions (metric tons CO2e)**

34,177

**Comment**

### Scope 2 (location-based)

**Base year start**

January 1, 2019

**Base year end**

December 31, 2019

**Base year emissions (metric tons CO2e)**

24,398

**Comment**

### Scope 2 (market-based)

**Base year start**

January 1, 2019

**Base year end**

December 31, 2019

**Base year emissions (metric tons CO<sub>2</sub>e)**

38,961

**Comment**

Terex does not have market-based data for the base year, so the location-based number is used.

**Scope 3 category 1: Purchased goods and services**

---

**Base year start**

**Base year end**

**Base year emissions (metric tons CO<sub>2</sub>e)**

**Comment**

**Scope 3 category 2: Capital goods**

---

**Base year start**

**Base year end**

**Base year emissions (metric tons CO<sub>2</sub>e)**

**Comment**

**Scope 3 category 3: Fuel-and-energy-related activities (not included in Scope 1 or 2)**

---

**Base year start**

January 1, 2019

**Base year end**

December 31, 2019

**Base year emissions (metric tons CO<sub>2</sub>e)**

8,682

**Comment**

Base year emissions for Scope 3, category 3 is being reported for the first time due to improved tracking and reporting capabilities.

**Scope 3 category 4: Upstream transportation and distribution**

---

**Base year start**

**Base year end**

**Base year emissions (metric tons CO<sub>2</sub>e)**

**Comment**

**Scope 3 category 5: Waste generated in operations**

---

**Base year start**

**Base year end**

**Base year emissions (metric tons CO<sub>2</sub>e)**

**Comment**

**Scope 3 category 6: Business travel**

---

**Base year start**

**Base year end**

**Base year emissions (metric tons CO<sub>2</sub>e)**

**Comment**

**Scope 3 category 7: Employee commuting**

---

**Base year start**

**Base year end**

**Base year emissions (metric tons CO<sub>2</sub>e)**

**Comment**

**Scope 3 category 8: Upstream leased assets**

---

**Base year start**

**Base year end**

**Base year emissions (metric tons CO<sub>2</sub>e)**

**Comment**

**Scope 3 category 9: Downstream transportation and distribution**

---

**Base year start**

**Base year end**

**Base year emissions (metric tons CO<sub>2</sub>e)**

**Comment**

**Scope 3 category 10: Processing of sold products**

---

**Base year start**

**Base year end**

**Base year emissions (metric tons CO<sub>2</sub>e)**

**Comment**

**Scope 3 category 11: Use of sold products**

---

**Base year start**

**Base year end**

**Base year emissions (metric tons CO<sub>2</sub>e)**

**Comment**

**Scope 3 category 12: End of life treatment of sold products**

---

**Base year start**

**Base year end**

**Base year emissions (metric tons CO<sub>2</sub>e)**

**Comment**

**Scope 3 category 13: Downstream leased assets**

---

**Base year start**

**Base year end**

**Base year emissions (metric tons CO<sub>2</sub>e)**

**Comment**

**Scope 3 category 14: Franchises**

---

**Base year start**

**Base year end**

**Base year emissions (metric tons CO<sub>2</sub>e)**

**Comment**

**Scope 3 category 15: Investments**

---

**Base year start**



**Base year end**

**Base year emissions (metric tons CO<sub>2</sub>e)**

**Comment**

**Scope 3: Other (upstream)**

---

**Base year start**

**Base year end**

**Base year emissions (metric tons CO<sub>2</sub>e)**

**Comment**

**Scope 3: Other (downstream)**

---

**Base year start**

**Base year end**

**Base year emissions (metric tons CO<sub>2</sub>e)**

**Comment**

## **C5.3**

**(C5.3) Select the name of the standard, protocol, or methodology you have used to collect activity data and calculate emissions.**

IEA CO<sub>2</sub> Emissions from Fuel Combustion

The Greenhouse Gas Protocol: A Corporate Accounting and Reporting Standard (Revised Edition)

The Greenhouse Gas Protocol: Scope 2 Guidance

The Greenhouse Gas Protocol: Corporate Value Chain (Scope 3) Standard

## C6. Emissions data

### C6.1

**(C6.1) What were your organization's gross global Scope 1 emissions in metric tons CO<sub>2</sub>e?**

**Reporting year**

---

**Gross global Scope 1 emissions (metric tons CO<sub>2</sub>e)**

31,197

**Start date**

January 1, 2022

**End date**

December 31, 2022

**Comment**

### C6.2

**(C6.2) Describe your organization's approach to reporting Scope 2 emissions.**

**Row 1**

---

**Scope 2, location-based**

We are reporting a Scope 2, location-based figure

**Scope 2, market-based**

We are reporting a Scope 2, market-based figure

**Comment**

We are an international company and can determine market-based emissions from publicly available residual mixes and emission factors.

### C6.3

**(C6.3) What were your organization's gross global Scope 2 emissions in metric tons CO<sub>2</sub>e?**

**Reporting year**

---

**Scope 2, location-based**

19,396

**Scope 2, market-based (if applicable)**

21,050

**Start date**

January 1, 2022

**End date**

December 31, 2022

**Comment**

## C6.4

**(C6.4) Are there any sources (e.g. facilities, specific GHGs, activities, geographies, etc.) of Scope 1, Scope 2 or Scope 3 emissions that are within your selected reporting boundary which are not included in your disclosure?**

Yes

## C6.4a

**(C6.4a) Provide details of the sources of Scope 1, Scope 2, or Scope 3 emissions that are within your selected reporting boundary which are not included in your disclosure.**

---

**Source of excluded emissions**

Office and small service locations

**Scope(s) or Scope 3 category(ies)**

Scope 1

Scope 2 (location-based)

Scope 2 (market-based)

Scope 3: Fuel and energy-related activities (not included in Scopes 1 or 2)

**Relevance of Scope 1 emissions from this source**

Emissions are not relevant

**Relevance of location-based Scope 2 emissions from this source**

Emissions are not relevant

**Relevance of market-based Scope 2 emissions from this source**

Emissions are not relevant

**Relevance of Scope 3 emissions from this source**

Emissions are not relevant

**Date of completion of acquisition or merger**

**Estimated percentage of total Scope 1+2 emissions this excluded source represents**

1

**Estimated percentage of total Scope 3 emissions this excluded source represents**

1

**Explain why this source is excluded**

The GHG emissions from our smaller locations are not material (and therefore not relevant) compared to the overall footprint of the company. In addition, these small sources were excluded due to the difficulty and effort in collecting the stationary combustion and fugitive emission data in locations supported by central accounting functions.

**Explain how you estimated the percentage of emissions this excluded source represents**

The percentage is estimated to be less than 1%. This is an estimate since these sites are not direct operations, and the electricity use is lower compared to the larger direct operation sites.

## C6.5

**(C6.5) Account for your organization's gross global Scope 3 emissions, disclosing and explaining any exclusions.**

**Purchased goods and services**

---

**Evaluation status**

Relevant, not yet calculated

**Please explain**

**Capital goods**

---

**Evaluation status**

Not relevant, explanation provided

**Please explain**

Terex did not have any significant capital expenditures this year.

**Fuel-and-energy-related activities (not included in Scope 1 or 2)**

---

**Evaluation status**

Relevant, calculated

**Emissions in reporting year (metric tons CO<sub>2</sub>e)**

8,354

### **Emissions calculation methodology**

Other, please specify

Terex uses GHG software called Greenstone. All energy data is uploaded and converted to emissions. This allows for calculation of Scope 3 emissions associated with energy related activities as well as segregation from Scope 1 and 2 emissions.

### **Percentage of emissions calculated using data obtained from suppliers or value chain partners**

0

#### **Please explain**

The scope 1 and Scope 2 emissions calculated account for companywide direct operations and electricity and energy use within the required variance thresholds.

### **Upstream transportation and distribution**

---

#### **Evaluation status**

Relevant, not yet calculated

#### **Please explain**

### **Waste generated in operations**

---

#### **Evaluation status**

Relevant, not yet calculated

#### **Please explain**

### **Business travel**

---

#### **Evaluation status**

Relevant, not yet calculated

#### **Please explain**

### **Employee commuting**

---

#### **Evaluation status**

Relevant, not yet calculated

#### **Please explain**

### **Upstream leased assets**

---

#### **Evaluation status**

Relevant, not yet calculated

**Please explain**

**Downstream transportation and distribution**

---

**Evaluation status**

Relevant, not yet calculated

**Please explain**

**Processing of sold products**

---

**Evaluation status**

Not relevant, explanation provided

**Please explain**

Terex is a manufacturer of materials processing and lifting equipment used in construction and utilities and does not require further processing.

**Use of sold products**

---

**Evaluation status**

Relevant, not yet calculated

**Please explain**

**End of life treatment of sold products**

---

**Evaluation status**

Relevant, not yet calculated

**Please explain**

**Downstream leased assets**

---

**Evaluation status**

Relevant, not yet calculated

**Please explain**

**Franchises**

---

**Evaluation status**

Not relevant, explanation provided

**Please explain**

Terex does not have franchises.

## Investments

---

### Evaluation status

Relevant, not yet calculated

### Please explain

## Other (upstream)

---

### Evaluation status

Not relevant, explanation provided

### Please explain

Terex does not have other scope 3 emissions.

## Other (downstream)

---

### Evaluation status

Not relevant, explanation provided

### Please explain

Terex does not have other scope 3 emissions.

## C6.5a

**(C6.5a) Disclose or restate your Scope 3 emissions data for previous years.**

### Past year 1

---

#### Start date

January 1, 2019

#### End date

December 31, 2019

#### Scope 3: Purchased goods and services (metric tons CO<sub>2</sub>e)

#### Scope 3: Capital goods (metric tons CO<sub>2</sub>e)

#### Scope 3: Fuel and energy-related activities (not included in Scopes 1 or 2) (metric tons CO<sub>2</sub>e)

8,682

#### Scope 3: Upstream transportation and distribution (metric tons CO<sub>2</sub>e)

#### Scope 3: Waste generated in operations (metric tons CO<sub>2</sub>e)

**Scope 3: Business travel (metric tons CO2e)**

**Scope 3: Employee commuting (metric tons CO2e)**

**Scope 3: Upstream leased assets (metric tons CO2e)**

**Scope 3: Downstream transportation and distribution (metric tons CO2e)**

**Scope 3: Processing of sold products (metric tons CO2e)**

**Scope 3: Use of sold products (metric tons CO2e)**

**Scope 3: End of life treatment of sold products (metric tons CO2e)**

**Scope 3: Downstream leased assets (metric tons CO2e)**

**Scope 3: Franchises (metric tons CO2e)**

**Scope 3: Investments (metric tons CO2e)**

**Scope 3: Other (upstream) (metric tons CO2e)**

**Scope 3: Other (downstream) (metric tons CO2e)**

**Comment**

## **C-CG6.6**

**(C-CG6.6) Does your organization assess the life cycle emissions of any of its products or services?**

	<b>Assessment of life cycle emissions</b>	<b>Comment</b>
Row 1	No, but we plan to start doing so within the next two years	We currently do not have a standard to follow in our industry to assess life cycle emissions of our products or services



## C6.7

**(C6.7) Are carbon dioxide emissions from biogenic carbon relevant to your organization?**

No

## C6.10

**(C6.10) Describe your gross global combined Scope 1 and 2 emissions for the reporting year in metric tons CO<sub>2</sub>e per unit currency total revenue and provide any additional intensity metrics that are appropriate to your business operations.**

---

**Intensity figure**

0.000011452

**Metric numerator (Gross global combined Scope 1 and 2 emissions, metric tons CO<sub>2</sub>e)**

50,593

**Metric denominator**

unit total revenue

**Metric denominator: Unit total**

4,417,700,000

**Scope 2 figure used**

Location-based

**% change from previous year**

33

**Direction of change**

Decreased

**Reason(s) for change**

Other emissions reduction activities  
Change in revenue  
Change in physical operating conditions

**Please explain**

The total Scope 1 and Scope 2 GHG emissions decreased in 2022 compared to 2021, by approximately 24%. The company revenues increased between the two years from \$3,886,800,000 to \$4,417,700,000, a 13.7% increase resulting in a net intensity reduction. The GHG emissions decreases were due to emission reduction activities, more efficient operations, and methodology changes.

## C7. Emissions breakdowns

### C7.1

**(C7.1) Does your organization break down its Scope 1 emissions by greenhouse gas type?**

Yes

### C7.1a

**(C7.1a) Break down your total gross global Scope 1 emissions by greenhouse gas type and provide the source of each used greenhouse warming potential (GWP).**

Greenhouse gas	Scope 1 emissions (metric tons of CO2e)	GWP Reference
CO2	31,062	IPCC Fifth Assessment Report (AR5 – 100 year)
CH4	35	IPCC Fifth Assessment Report (AR5 – 100 year)
N2O	99	IPCC Fifth Assessment Report (AR5 – 100 year)

### C7.2

**(C7.2) Break down your total gross global Scope 1 emissions by country/area/region.**

Country/area/region	Scope 1 emissions (metric tons CO2e)
Brazil	36
China	838
France	86
Germany	1,194
India	522
Italy	1,348
Malaysia	28
United Kingdom of Great Britain and Northern Ireland	6,056
United States of America	18,264
Australia	2,112
Singapore	2
Mexico	204
Netherlands	38
Canada	332

Ireland	98
Japan	41

### C7.3

**(C7.3) Indicate which gross global Scope 1 emissions breakdowns you are able to provide.**

- By business division
- By activity

### C7.3a

**(C7.3a) Break down your total gross global Scope 1 emissions by business division.**

Business division	Scope 1 emissions (metric ton CO2e)
Aerial Work Platforms Segment (AWP)	18,197
Materials Processing Segment (MP)	12,497
Corp and Other	505

### C7.3c

**(C7.3c) Break down your total gross global Scope 1 emissions by business activity.**

Activity	Scope 1 emissions (metric tons CO2e)
Fugitive Emissions	577
Mobile Combustion	2,515
Stationary Combustion	28,108

### C7.5

**(C7.5) Break down your total gross global Scope 2 emissions by country/area/region.**

Country/area/region	Scope 2, location-based (metric tons CO2e)	Scope 2, market-based (metric tons CO2e)
Australia	793	793
Brazil	7	7
China	3,217	3,217
France	1	1
Germany	377	744
India	1,373	1,373
Italy	535	918
Malaysia	139	139

United Kingdom of Great Britain and Northern Ireland	3,131	412
United States of America	9,114	12,669
Singapore	8	8
Mexico	282	282
Switzerland	0.4	0.3
Canada	302	302
Ireland	87	159
Japan	19	19
United Arab Emirates	7	7

## C7.6

**(C7.6) Indicate which gross global Scope 2 emissions breakdowns you are able to provide.**

By business division

By activity

## C7.6a

**(C7.6a) Break down your total gross global Scope 2 emissions by business division.**

Business division	Scope 2, location-based (metric tons CO2e)	Scope 2, market-based (metric tons CO2e)
AWP	8,606	12,367
MP	9,710	7,682
Corp and Other	1,076	1,001

## C7.6c

**(C7.6c) Break down your total gross global Scope 2 emissions by business activity.**

Activity	Scope 2, location-based (metric tons CO2e)	Scope 2, market-based (metric tons CO2e)
Purchased Electricity	19,393	21,050

## C7.7

**(C7.7) Is your organization able to break down your emissions data for any of the subsidiaries included in your CDP response?**

No

## C7.9

**(C7.9) How do your gross global emissions (Scope 1 and 2 combined) for the reporting year compare to those of the previous reporting year?**

Decreased

### C7.9a

**(C7.9a) Identify the reasons for any change in your gross global emissions (Scope 1 and 2 combined), and for each of them specify how your emissions compare to the previous year.**

	Change in emissions (metric tons CO2e)	Direction of change in emissions	Emissions value (percentage)	Please explain calculation
Change in renewable energy consumption	0	No change	0	No change
Other emissions reduction activities	848.8	Decreased	1.3	848.8 MT CO2e reduced through the energy efficiency projects implemented. Decreases due to several emissions' reduction projects, including but not limited to: LED Lighting and controls upgrades, process optimization, compressed air upgrades, heat recovery, machine/equipment replacement, motor upgrades, and HVAC upgrades.
Divestment	0	No change	0	No change
Acquisitions	883	Increased	1.3	Increase associated with the acquisition of two facilities - Pro-All (Canada) and Steelweld (UK)
Mergers	0	No change	0	No change
Change in output	0	No change	0	No change
Change in methodology	0	No change	0	No change
Change in boundary	0	No change	0	No change
Change in physical	0	No change	0	No change

operating conditions				
Unidentified	15,884	Decreased	23.9	Overall decrease is attributable to the above. The 15,884 MTCO <sub>2</sub> e reduction which is unidentified may be due to the change in GHG emissions calculation methodology. Terex now utilizes Greenstone GHG calculation software.
Other	0	No change	0	No change

### C7.9b

**(C7.9b) Are your emissions performance calculations in C7.9 and C7.9a based on a location-based Scope 2 emissions figure or a market-based Scope 2 emissions figure?**

Location-based

### C-CG7.10

**(C-CG7.10) How do your total Scope 3 emissions for the reporting year compare to those of the previous reporting year?**

Increased

### C-CG7.10a

**(C-CG7.10a) For each Scope 3 category calculated in C6.5, specify how your emissions compare to the previous year and identify the reason for any change.**

#### Fuel and energy-related activities (not included in Scopes 1 or 2)

**Direction of change**

Decreased

**Primary reason for change**

Change in physical operating conditions

**Change in emissions in this category (metric tons CO<sub>2</sub>e)**

383

**% change in emissions in this category**

4.8

**Please explain**

In early 2021, some facilities were shut down due to the COVID-19 pandemic. Due to return to near normal operations in 2022, our emissions were higher as compared with 2021.

## C8. Energy

### C8.1

**(C8.1) What percentage of your total operational spend in the reporting year was on energy?**

More than 0% but less than or equal to 5%

### C8.2

**(C8.2) Select which energy-related activities your organization has undertaken.**

	Indicate whether your organization undertook this energy-related activity in the reporting year
Consumption of fuel (excluding feedstocks)	Yes
Consumption of purchased or acquired electricity	Yes
Consumption of purchased or acquired heat	No
Consumption of purchased or acquired steam	No
Consumption of purchased or acquired cooling	No
Generation of electricity, heat, steam, or cooling	Yes

### C8.2a

**(C8.2a) Report your organization's energy consumption totals (excluding feedstocks) in MWh.**

	Heating value	MWh from renewable sources	MWh from non-renewable sources	Total (renewable and non-renewable) MWh
Consumption of fuel (excluding feedstock)	LHV (lower heating value)	0	152,826	152,826
Consumption of purchased or acquired electricity		27,950	56,398	84,348

Consumption of self-generated non-fuel renewable energy		784		784
Total energy consumption		28,734	209,224	237,958

## C8.2b

**(C8.2b) Select the applications of your organization’s consumption of fuel.**

	Indicate whether your organization undertakes this fuel application
Consumption of fuel for the generation of electricity	No
Consumption of fuel for the generation of heat	Yes
Consumption of fuel for the generation of steam	No
Consumption of fuel for the generation of cooling	No
Consumption of fuel for co-generation or tri-generation	No

## C8.2c

**(C8.2c) State how much fuel in MWh your organization has consumed (excluding feedstocks) by fuel type.**

### Sustainable biomass

#### Heating value

LHV

#### Total fuel MWh consumed by the organization

921

#### Comment

This is calculated based on 286 tons for biomass, energy content of 3.22 MWh per ton.

### Other biomass

#### Heating value

LHV

#### Total fuel MWh consumed by the organization

0



**Comment**

No other biomass to be accounted

**Other renewable fuels (e.g. renewable hydrogen)**

---

**Heating value**

LHV

**Total fuel MWh consumed by the organization**

0

**Comment**

There are no other renewable fuels to be accounted for

**Coal**

---

**Heating value**

LHV

**Total fuel MWh consumed by the organization**

0

**Comment**

There is no coal in use

**Oil**

---

**Heating value**

LHV

**Total fuel MWh consumed by the organization**

3,317

**Comment**

This is calculated based on total 11,941.1 GJ for Residual Fuel Oil, energy content of 40.4 GJ/Ton and 0.27778 MWH per GJ.

**Gas**

---

**Heating value**

LHV

**Total fuel MWh consumed by the organization**

115,354

**Comment**

The total is for LPG plus Natural Gas and is based on 19,666 MWh for LPG, 95,688 MWh for Natural Gas. LPG calculations are based on 47.3 GJ/ton, and 0.27778 MWH per GJ. Natural Gas calculations are based on 48 GJ/ton, and 0.27778 MWH per GJ.

**Other non-renewable fuels (e.g. non-renewable hydrogen)**

---

**Heating value**

LHV

**Total fuel MWh consumed by the organization**

33,234

**Comment**

The total is for Diesel plus Gasoline and is based on 29,733 MWh for Diesel, 3,502 MWh for Gasoline. Diesel calculations are based on 43 GJ/ton, and 0.27778 MWh per GJ. Gasoline calculations are based on 44.3 GJ/ton, and 0.27778 MWh per GJ.

**Total fuel**

**Heating value**

LHV

**Total fuel MWh consumed by the organization**

152,826

**Comment**

This is the sum of Diesel, Gasoline, LPG, Natural Gas, Residual Fuel Oil consumption numbers.

**C8.2d**

**(C8.2d) Provide details on the electricity, heat, steam, and cooling your organization has generated and consumed in the reporting year.**

	Total Gross generation (MWh)	Generation that is consumed by the organization (MWh)	Gross generation from renewable sources (MWh)	Generation from renewable sources that is consumed by the organization (MWh)
Electricity	795	784	795	784
Heat	0	0	0	0
Steam	0	0	0	0
Cooling	0	0	0	0

**C8.2e**

**(C8.2e) Provide details on the electricity, heat, steam, and/or cooling amounts that were accounted for at a zero or near-zero emission factor in the market-based Scope 2 figure reported in C6.3.**

**Country/area of low-carbon energy consumption**

United Kingdom of Great Britain and Northern Ireland

**Sourcing method**

Retail supply contract with an electricity supplier (retail green electricity)

**Energy carrier**

Electricity

**Low-carbon technology type**

Wind

**Low-carbon energy consumed via selected sourcing method in the reporting year (MWh)**

15,021

**Tracking instrument used**

Contract

**Country/area of origin (generation) of the low-carbon energy or energy attribute**

United Kingdom of Great Britain and Northern Ireland

**Are you able to report the commissioning or re-powering year of the energy generation facility?**

No

**Commissioning year of the energy generation facility (e.g. date of first commercial operation or repowering)**

**Comment**

Several facilities in the UK have opted for a 100% Green / Renewable Electricity Tariff.

The details are as follows:

Ballymoney, Dungannon, Omagh, Cookstown, Dungannon, Farlough , Dungannon Business Park, Omagh , Campsie

o Energy Supply contract with Energia states that 100% of the electricity will be supplied from renewable sources

o The above sites accounted for 15,022 MWh of electricity consumption

o The energy consumption resulted in 2,904 TCO<sub>2</sub>e location based emissions and 0 TCO<sub>2</sub>e under Market based emissions

---

**Country/area of low-carbon energy consumption**

United States of America

**Sourcing method**

Unbundled procurement of energy attribute certificates (EACs)

**Energy carrier**

Electricity

**Low-carbon technology type**

Wind

**Low-carbon energy consumed via selected sourcing method in the reporting year (MWh)**

2,827

**Tracking instrument used**

US-REC

**Country/area of origin (generation) of the low-carbon energy or energy attribute**

United States of America

**Are you able to report the commissioning or re-powering year of the energy generation facility?**

No

**Commissioning year of the energy generation facility (e.g. date of first commercial operation or repowering)**

**Comment**

Watertown and Huron, South Dakota USA facilities have both purchased Renewable Energy Certificates (RECs) from their respective suppliers. As a result, the RECs purchased by these sites have been taken out of circulation and can no longer be sold to any other customer.

o Watertown purchased 1,661 RECs from Missouri River Energy Services

o Huron purchased 1,166 RECs from M-RETS Renewable Electricity

## C8.2g

**(C8.2g) Provide a breakdown by country/area of your non-fuel energy consumption in the reporting year.**

---

**Country/area**

Australia

**Consumption of purchased electricity (MWh)**

1,053

**Consumption of self-generated electricity (MWh)**

0

**Consumption of purchased heat, steam, and cooling (MWh)**

0

**Consumption of self-generated heat, steam, and cooling (MWh)**

0

**Total non-fuel energy consumption (MWh) [Auto-calculated]**

1,053

---

**Country/area**

Brazil

**Consumption of purchased electricity (MWh)**

74

**Consumption of self-generated electricity (MWh)**

0

**Consumption of purchased heat, steam, and cooling (MWh)**

0

**Consumption of self-generated heat, steam, and cooling (MWh)**

0

**Total non-fuel energy consumption (MWh) [Auto-calculated]**

74

---

**Country/area**

Canada

**Consumption of purchased electricity (MWh)**

516

**Consumption of self-generated electricity (MWh)**

0

**Consumption of purchased heat, steam, and cooling (MWh)**

0

**Consumption of self-generated heat, steam, and cooling (MWh)**

0

**Total non-fuel energy consumption (MWh) [Auto-calculated]**

516

---

**Country/area**

China

**Consumption of purchased electricity (MWh)**

5,209

**Consumption of self-generated electricity (MWh)**

660

**Consumption of purchased heat, steam, and cooling (MWh)**

0

**Consumption of self-generated heat, steam, and cooling (MWh)**

0

**Total non-fuel energy consumption (MWh) [Auto-calculated]**

5,869

---

**Country/area**

France

**Consumption of purchased electricity (MWh)**

20

**Consumption of self-generated electricity (MWh)**

0

**Consumption of purchased heat, steam, and cooling (MWh)**

0

**Consumption of self-generated heat, steam, and cooling (MWh)**

0

**Total non-fuel energy consumption (MWh) [Auto-calculated]**

20

---

**Country/area**

Germany

**Consumption of purchased electricity (MWh)**

1,204

**Consumption of self-generated electricity (MWh)**

0

**Consumption of purchased heat, steam, and cooling (MWh)**

0

**Consumption of self-generated heat, steam, and cooling (MWh)**

0

**Total non-fuel energy consumption (MWh) [Auto-calculated]**

1,204

---

**Country/area**

India

**Consumption of purchased electricity (MWh)**

2,977

**Consumption of self-generated electricity (MWh)**

0

**Consumption of purchased heat, steam, and cooling (MWh)**

0

**Consumption of self-generated heat, steam, and cooling (MWh)**

0

**Total non-fuel energy consumption (MWh) [Auto-calculated]**

2,977

---

**Country/area**

Ireland

**Consumption of purchased electricity (MWh)**

452

**Consumption of self-generated electricity (MWh)**

0

**Consumption of purchased heat, steam, and cooling (MWh)**

0

**Consumption of self-generated heat, steam, and cooling (MWh)**

0

**Total non-fuel energy consumption (MWh) [Auto-calculated]**

452

---

**Country/area**

Italy

**Consumption of purchased electricity (MWh)**

2,011

**Consumption of self-generated electricity (MWh)**

124

**Consumption of purchased heat, steam, and cooling (MWh)**

0

**Consumption of self-generated heat, steam, and cooling (MWh)**

0

**Total non-fuel energy consumption (MWh) [Auto-calculated]**

2,135

---

**Country/area**

Japan

**Consumption of purchased electricity (MWh)**

40

**Consumption of self-generated electricity (MWh)**

0

**Consumption of purchased heat, steam, and cooling (MWh)**

0

**Consumption of self-generated heat, steam, and cooling (MWh)**

0

**Total non-fuel energy consumption (MWh) [Auto-calculated]**

40

---

**Country/area**

Malaysia

**Consumption of purchased electricity (MWh)**

212

**Consumption of self-generated electricity (MWh)**



0

**Consumption of purchased heat, steam, and cooling (MWh)**

0

**Consumption of self-generated heat, steam, and cooling (MWh)**

0

**Total non-fuel energy consumption (MWh) [Auto-calculated]**

212

---

**Country/area**

Mexico

**Consumption of purchased electricity (MWh)**

706

**Consumption of self-generated electricity (MWh)**

0

**Consumption of purchased heat, steam, and cooling (MWh)**

0

**Consumption of self-generated heat, steam, and cooling (MWh)**

0

**Total non-fuel energy consumption (MWh) [Auto-calculated]**

706

---

**Country/area**

Singapore

**Consumption of purchased electricity (MWh)**

20

**Consumption of self-generated electricity (MWh)**

0

**Consumption of purchased heat, steam, and cooling (MWh)**

0

**Consumption of self-generated heat, steam, and cooling (MWh)**

0

**Total non-fuel energy consumption (MWh) [Auto-calculated]**

20

---

**Country/area**

Switzerland

**Consumption of purchased electricity (MWh)**

18

**Consumption of self-generated electricity (MWh)**

0

**Consumption of purchased heat, steam, and cooling (MWh)**

0

**Consumption of self-generated heat, steam, and cooling (MWh)**

0

**Total non-fuel energy consumption (MWh) [Auto-calculated]**

18

---

**Country/area**

United Arab Emirates

**Consumption of purchased electricity (MWh)**

14

**Consumption of self-generated electricity (MWh)**

0

**Consumption of purchased heat, steam, and cooling (MWh)**

0

**Consumption of self-generated heat, steam, and cooling (MWh)**

0

**Total non-fuel energy consumption (MWh) [Auto-calculated]**

14

---

**Country/area**

United Kingdom of Great Britain and Northern Ireland

**Consumption of purchased electricity (MWh)**

16,194

**Consumption of self-generated electricity (MWh)**

0

**Consumption of purchased heat, steam, and cooling (MWh)**

0

**Consumption of self-generated heat, steam, and cooling (MWh)**

0

**Total non-fuel energy consumption (MWh) [Auto-calculated]**

16,194

**Country/area**

United States of America

**Consumption of purchased electricity (MWh)**

53,627

**Consumption of self-generated electricity (MWh)**

0

**Consumption of purchased heat, steam, and cooling (MWh)**

0

**Consumption of self-generated heat, steam, and cooling (MWh)**

0

**Total non-fuel energy consumption (MWh) [Auto-calculated]**

53,627

**C-CG8.5**

**(C-CG8.5) Does your organization measure the efficiency of any of its products or services?**

	Measurement of product/service efficiency	Comment
Row 1	No, and we do not plan to start doing so within the next two years	It is an area Terex is planning on measuring in the future.

## C9. Additional metrics

### C9.1

**(C9.1) Provide any additional climate-related metrics relevant to your business.**

### C-CE9.6/C-CG9.6/C-CH9.6/C-CN9.6/C-CO9.6/C-EU9.6/C-MM9.6/C-OG9.6/C-RE9.6/C-ST9.6/C-TO9.6/C-TS9.6

**(C-CE9.6/C-CG9.6/C-CH9.6/C-CN9.6/C-CO9.6/C-EU9.6/C-MM9.6/C-OG9.6/C-RE9.6/C-ST9.6/C-TO9.6/C-TS9.6) Does your organization invest in research and development (R&D) of low-carbon products or services related to your sector activities?**

	Investment in low-carbon R&D	Comment
Row 1	Yes	In response to both regulatory initiatives and anticipated market demand trends, we invest in R&D of products that have lower greenhouse gas emissions. For example, in 2022 we invested in technology to accelerate our progress toward electrified products. Another area of R&D was reduction of emissions from engines resulting in the newest diesel engine emission reduction program being introduced in China, these regulations are similar to EU Stage V, which is driving further engine emissions related product development. Another outcome of our R&D is products that use plug-in electric hybrid technology to save fuel, reduce emissions and reduce noise in residential areas.

### C-CG9.6a

**(C-CG9.6a) Provide details of your organization’s investments in low-carbon R&D for capital goods products and services over the last three years.**

**Technology area**

Other, please specify

Resource-efficient solutions, alternative energy, and electric/hybrid electric

**Stage of development in the reporting year**

Large scale commercial deployment

**Average % of total R&D investment over the last 3 years**

4

**R&D investment figure in the reporting year (unit currency as selected in C0.4) (optional)**

**Average % of total R&D investment planned over the next 5 years**

4

**Explain how your R&D investment in this technology area is aligned with your climate commitments and/or climate transition plan**

RESOURCE-EFFICIENT SOLUTIONS: Terex products follow design processes focused on delivering high efficiency and superior performance through quality machines that use less energy.

ALTERNATIVE ENERGY: Customers rely on Terex products to support renewable energy. Terex® Ecotec chippers and CBI® grinders create pulp used to produce pellets for wood energy and sort waste used to power waste-to-energy plants. Genie® lifts and telehandlers are used in the installation and maintenance of solar roofs. Without these products, these applications would be impractical or far less efficient for customers to perform.

ELECTRIC / HYBRID ELECTRIC: Terex is active in the development of incorporating alternative power solutions within its different product lines. Customers want products that operate on battery electric and fuel-electric hybrid options. Many Genie® lift models offer all-electric or hybrid (FE) options that deliver quiet, emission-free performance, which is necessary for indoor working environments, as well as city centres with noise and emission restrictions. Terex offers crushers and screens that can operate from electrical power supply lines to help reduce the use of fuel. Hybrid solutions are also available on select utility aerial devices, cranes, and mixer trucks that use battery power to perform certain equipment functions without the engine running.

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**Technology area**

Electromobility components

**Stage of development in the reporting year**

Large scale commercial deployment

**Average % of total R&D investment over the last 3 years**

4

**R&D investment figure in the reporting year (unit currency as selected in C0.4) (optional)**

**Average % of total R&D investment planned over the next 5 years**

4

**Explain how your R&D investment in this technology area is aligned with your climate commitments and/or climate transition plan**

Our products do not currently measure the efficiencies, but we are working on a Telematics system that will have this capability. Several R&D initiatives are included in this group with stages ranging from pilot demonstration to large scale commercial deployment.

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**Technology area**

Energy storage

**Stage of development in the reporting year**

Full/commercial-scale demonstration

**Average % of total R&D investment over the last 3 years**

4

**R&D investment figure in the reporting year (unit currency as selected in C0.4) (optional)**

**Average % of total R&D investment planned over the next 5 years**

4

**Explain how your R&D investment in this technology area is aligned with your climate commitments and/or climate transition plan**

Customers want products that operate on battery electric hybrid options. Effective energy storage solutions are a key part of these innovations. We have multiple initiatives in this group ranging from applied research and development to full/commercial-scale demonstration.

---

**Technology area**

Hydrogen power

**Stage of development in the reporting year**

Applied research and development

**Average % of total R&D investment over the last 3 years**

4

**R&D investment figure in the reporting year (unit currency as selected in C0.4) (optional)**

**Average % of total R&D investment planned over the next 5 years**

4

**Explain how your R&D investment in this technology area is aligned with your climate commitments and/or climate transition plan**

This hydrogen power related technology is at an exploratory stage

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**Technology area**

Machinery automation

**Stage of development in the reporting year**

Applied research and development

**Average % of total R&D investment over the last 3 years**

4

**R&D investment figure in the reporting year (unit currency as selected in C0.4) (optional)**

**Average % of total R&D investment planned over the next 5 years**

4

**Explain how your R&D investment in this technology area is aligned with your climate commitments and/or climate transition plan**

The heart of our business is enabling our customers' work through powerful and effective machinery. We continue to innovate improved solutions, including enhanced controls and automation. Multiple initiatives are included in this group ranging from pilot demonstration to applied research and development.

---

**Technology area**

Recycling

**Stage of development in the reporting year**

Large scale commercial deployment

**Average % of total R&D investment over the last 3 years**

80

**R&D investment figure in the reporting year (unit currency as selected in C0.4) (optional)**

**Average % of total R&D investment planned over the next 5 years**

80

**Explain how your R&D investment in this technology area is aligned with your climate commitments and/or climate transition plan**

In 2022 we continued to expand our refinement and offering of Terex Recycling Systems, which provides customers with a tailored, "one stop shop" to meet their recycling needs. Fuchs® material handlers feed complex material (scrap steel, forestry

waste, demolition waste) into downstream equipment, like our CBI® grinders, Terex® Ecotec shredders and trommels, and mobile crushing and screening equipment from our Powerscreen®, Finlay®, and EvoQuip® brands. This downstream equipment then size-reduces and separates the material into stacks of uniform material that can then be repurposed or recycled. Without the processing performed by our Company’s equipment, much of the material being processed would end up in landfills or incinerators.

## C10. Verification

### C10.1

**(C10.1) Indicate the verification/assurance status that applies to your reported emissions.**

	Verification/assurance status
Scope 1	Third-party verification or assurance process in place
Scope 2 (location-based or market-based)	Third-party verification or assurance process in place
Scope 3	No third-party verification or assurance

### C10.1a

**(C10.1a) Provide further details of the verification/assurance undertaken for your Scope 1 emissions, and attach the relevant statements.**

**Verification or assurance cycle in place**

Annual process


**Status in the current reporting year**

Complete

**Type of verification or assurance**

Reasonable assurance

**Attach the statement**

 Terex GHG Emissions FY2022 Verification statement shortened V2.0 ISSUED 230721.pdf

**Page/ section reference**

Pages 1-2

**Relevant standard**

ISO14064-3



**Proportion of reported emissions verified (%)**

100

**C10.1b**

**(C10.1b) Provide further details of the verification/assurance undertaken for your Scope 2 emissions and attach the relevant statements.**

**Scope 2 approach**

Scope 2 location-based

**Verification or assurance cycle in place**

Annual process


**Status in the current reporting year**

Complete

**Type of verification or assurance**

Reasonable assurance

**Attach the statement**

 Terex GHG Emissions FY2022 Verification statement shortened V2.0 ISSUED 230721.pdf

**Page/ section reference**

Pages 1-2

**Relevant standard**

ISO14064-3

**Proportion of reported emissions verified (%)**

100

**C10.2**

**(C10.2) Do you verify any climate-related information reported in your CDP disclosure other than the emissions figures reported in C6.1, C6.3, and C6.5?**

Yes

**C10.2a**

**(C10.2a) Which data points within your CDP disclosure have been verified, and which verification standards were used?**

Disclosure module	Data verified	Verification standard	Please explain
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verification relates to			
C8. Energy	Energy consumption	ISO14064-3	As part of the Terex GHG emissions FY2022 verification - reasonable assurance was granted for the Terex Corporation energy consumption, related to Scope 1 and 2 emissions.

## C11. Carbon pricing

### C11.1

**(C11.1) Are any of your operations or activities regulated by a carbon pricing system (i.e. ETS, Cap & Trade or Carbon Tax)?**

No, but we anticipate being regulated in the next three years

### C11.1d

**(C11.1d) What is your strategy for complying with the systems you are regulated by or anticipate being regulated by?**

All of our employees are required to obey all applicable health, safety and environmental laws and regulations and must observe the proper safety rules and environmental practices in work situations. We are committed to complying with these standards and monitoring our workplace to determine if equipment, machinery, and facilities meet specified safety standards. Each of our manufacturing facilities are subject to an environmental audit at least once every five years to monitor compliance.

We are good stewards of the environment in the communities where we live and where our products are used. We comply with all permitting laws, implement processes that reduce or eliminate sources of pollution and have controls in place to prevent and detect non-compliance. We have environmental roadmaps that outline a structure for Terex to reduce hazards and exposures, adhere to the law, and proactively improve processes. We have environmental roadmaps for air emissions, chemical management, energy conservation/GHG reduction, hazardous waste solid groundwater and storm water, water management, waste management, and environmental management.

### C11.2

**(C11.2) Has your organization canceled any project-based carbon credits within the reporting year?**

No

### C11.3

**(C11.3) Does your organization use an internal price on carbon?**

No, and we do not currently anticipate doing so in the next two years

## C12. Engagement

### C12.1

**(C12.1) Do you engage with your value chain on climate-related issues?**

No, we do not engage

### C12.1e

**(C12.1e) Why do you not engage with any elements of your value chain on climate-related issues, and what are your plans to do so in the future?**

We are beginning to engage with suppliers on climate related topics to gauge their awareness in the next two years.

### C12.2

**(C12.2) Do your suppliers have to meet climate-related requirements as part of your organization's purchasing process?**

No, but we plan to introduce climate-related requirements within the next two years

### C12.3

**(C12.3) Does your organization engage in activities that could either directly or indirectly influence policy, law, or regulation that may impact the climate?**

Row 1

**External engagement activities that could directly or indirectly influence policy, law, or regulation that may impact the climate**

Not assessed

**Does your organization have a public commitment or position statement to conduct your engagement activities in line with the goals of the Paris Agreement?**

No, and we do not plan to have one in the next two years

**Describe the process(es) your organization has in place to ensure that your external engagement activities are consistent with your climate commitments and/or climate transition plan**

All Terex products are designed and manufactured in compliance with the standards and regulations applicable to the product. We also have defined product roadmaps to increase penetration of electrified and alternative energy environmentally friendly products. Terex is active in the development of incorporating alternative power solutions within its different product lines. Globally, job site regulations have become increasingly

stringent, requiring quieter equipment with lower or zero emissions. At the same time, for our Genie® equipment, there has been an increased need to work in more and larger job sites that require machines capable of working both outdoors and indoors.

Terex complies with various regulations, which include such key legislation as the European Union (EU) Registration, Evaluation, Authorization and Restriction of Chemicals (REACH) Regulation; The European Union (EU) Restriction of Hazardous Substances (RoHS) Directive; The European Union (EU) Waste Electrical & Electronic Equipment (WEEE) Directive, Asbestos Regulations; and California's Perchlorate Contamination Prevention Act.

We maintain a Global Environment, Health and Safety policy and clear standards. All businesses within Terex are responsible for day-to-day risk mitigation, compliance assurance, and HSE culture. Our robust HSE Management System is the foundation for our journey to Zero Harm. The HSE program at Terex drives the organization forward by ensuring accountability through detailed metrics and transparency of data. We assess the impacts of our businesses globally using an enterprise-wide system to record the majority of our HSE data. This allows for robust analysis and trending to identify continuous improvement opportunities. We track industry-standard key performance indicators (KPIs).

## C12.4

**(C12.4) Have you published information about your organization's response to climate change and GHG emissions performance for this reporting year in places other than in your CDP response? If so, please attach the publication(s).**

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### Publication

In voluntary sustainability report

### Status

Complete

### Attach the document

 terex2022esgreportfinal.pdf

### Page/Section reference

Pages 3, 10, 15-17, 56

### Content elements

Governance  
Strategy  
Risks & opportunities  
Emissions figures

Emission targets  
Other metrics

**Comment**

The attached report is the 2022 ESG report.


**Publication**

In mainstream reports

**Status**

Complete

**Attach the document**

 Terex 10-K 2022.pdf

**Page/Section reference**

Pages 12, 17, 23

**Content elements**

Risks & opportunities

**Comment**

The attached report is Terex's 10-K for 2022.

## C12.5

**(C12.5) Indicate the collaborative frameworks, initiatives and/or commitments related to environmental issues for which you are a signatory/member.**

Environmental collaborative framework, initiative and/or commitment	
Row 1	We are not a signatory/member of any collaborative framework, initiative and/or commitment related to environmental issues

## C15. Biodiversity

### C15.1

**(C15.1) Is there board-level oversight and/or executive management-level responsibility for biodiversity-related issues within your organization?**

Board-level oversight and/or executive management-level responsibility for biodiversity-related issues	Description of oversight and objectives relating to biodiversity

Row 1	Yes, both board-level oversight and executive management-level responsibility	The board and executive management level have oversight around biodiversity. Terex is subject to a wide range of environmental laws and regulations, including air and water regulations. These laws and regulations govern actions that may have adverse environmental effects, such as discharges to air and water, and require compliance with certain practices when handling and disposing of hazardous and non-hazardous wastes.
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## C15.2

**(C15.2) Has your organization made a public commitment and/or endorsed any initiatives related to biodiversity?**

Indicate whether your organization made a public commitment or endorsed any initiatives related to biodiversity	
Row 1	No, and we do not plan to do so within the next 2 years

## C15.3

**(C15.3) Does your organization assess the impacts and dependencies of its value chain on biodiversity?**

### Impacts on biodiversity

**Indicate whether your organization undertakes this type of assessment**

No and we don't plan to within the next two years

### Dependencies on biodiversity

**Indicate whether your organization undertakes this type of assessment**

No and we don't plan to within the next two years

## C15.4

**(C15.4) Does your organization have activities located in or near to biodiversity-sensitive areas in the reporting year?**

Not assessed

## C15.5

**(C15.5) What actions has your organization taken in the reporting year to progress your biodiversity-related commitments?**

Have you taken any actions in the reporting period to progress your biodiversity-related commitments?	
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Row 1	No, and we do not plan to undertake any biodiversity-related actions
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## C15.6

**(C15.6) Does your organization use biodiversity indicators to monitor performance across its activities?**

	Does your organization use indicators to monitor biodiversity performance?	Indicators used to monitor biodiversity performance
Row 1	No	

## C15.7

**(C15.7) Have you published information about your organization’s response to biodiversity-related issues for this reporting year in places other than in your CDP response? If so, please attach the publication(s).**

Report type	Content elements	Attach the document and indicate where in the document the relevant biodiversity information is located

## C16. Signoff

### C-FI

**(C-FI) Use this field to provide any additional information or context that you feel is relevant to your organization's response. Please note that this field is optional and is not scored.**

### C16.1

**(C16.1) Provide details for the person that has signed off (approved) your CDP climate change response.**

	Job title	Corresponding job category
Row 1	Chief Executive Officer (CEO)	Chief Executive Officer (CEO)

## Submit your response

**In which language are you submitting your response?**

English

**Please confirm how your response should be handled by CDP**

	<b>I understand that my response will be shared with all requesting stakeholders</b>	<b>Response permission</b>
Please select your submission options	Yes	Public

**Please confirm below**

I have read and accept the applicable Terms