Welcome to your CDP Climate Change Questionnaire 2022

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 $3.89 billion in 2021. Terex continues to focus on becoming an industry leading operating company. Our business is international in scope, with our products manufactured in North America, Europe, United Kingdom, Australia, and Asia and sold worldwide.

We are implementing 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 strive to provide 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 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.

	Start date	End date	Indicate if you are providing emissions data for past reporting years
Reporting year	January 1, 2021	December 31, 2021	No

C0.3

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

Australia
Belgium
Brazil
Canada
China
France
Germany
India
Italy
Japan

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(s)	Please explain
Board-level committee	In 2021, Terex formalized its ESG Governance structure. The 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	Reviewing and guiding strategy Reviewing and guiding major plans of action Reviewing and guiding risk management policies Reviewing and guiding business plans Setting performance objectives Monitoring implementation and performance of objectives Monitoring and overseeing progress	In 2021, Terex formalized its 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. In 2021, under the Company's Chairman, President, and Chief Executive Officer, Terex formed an ESG Executive Steering Committee. Its responsibilities include developing and implementing the Company's ESG strategy, incorporating ESG into management routines, and measuring and monitoring progress.

	against goals and targets for addressing climate-related issues	Terex Board of Directors strategic oversight includes: 1. Audit Committee is tasked with the accuracy of reported ESG metrics - controls and procedures to ensure accuracy and consistency of ESG disclosures. 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.

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
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.

C1.2

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

Name of the position(s) and/or committee(s)	Responsibility	Frequency of reporting to the board on climate-related issues
Chief Executive Officer (CEO)	Both assessing and managing climate-related risks and opportunities	More frequently than quarterly

C1.2a

(C1.2a) Describe where in the organizational structure this/these position(s) and/or committees lie, what their associated responsibilities are, and how climate-related issues are monitored (do not include the names of individuals).

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, 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
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.

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	Type of incentive	Activity incentivized	Comment
Chief Executive Officer (CEO)	Monetary reward	Emissions reduction target Energy reduction target	The 2021 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.
Business unit manager	Monetary reward	Emissions reduction target Energy reduction target	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.

Environment/Sustainability manager	Monetary reward	Emissions reduction target Energy reduction target	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.
Environmental, health, and safety manager	Monetary reward	Emissions reduction target Energy reduction target	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 $16M for Terex. It 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, impacts on its financial statements (such as a charge to earnings or liability on its balance sheet), cash flow impacts, compliance with laws and regulations, ability to continue to operate the business or some portion of business, impact to Company's reputation or brands and impact to its team members and the community.

Some examples of substantive financial or strategic impact on the business are:
· Sales of our products are subject to weather risks. Increasing laws and regulations dealing with the environmental aspects of the products Terex manufactures can result in significant expenditures in designing and manufacturing new forms of equipment that satisfy such new laws and regulations. Compliance with laws and regulations regarding safety and the environment has required, and will continue to require, Terex to make expenditures. and could have substantive financial and strategic impact.
· Terex is unable to provide continued technological improvements in its equipment that meet the customers' expectations, or the industry's expectations, adversely affecting substantial demand for Terex equipment.
· Delays in receiving supplies could impair Terex ability to deliver products to its customers and, accordingly, could have a substantive material adverse effect on its business, results of operations and financial condition.
· Servicing debt requires a significant amount of cash. Terex's ability to generate sufficient cash depends on numerous factors beyond its control and its business may not generate sufficient cash flow from operating activities.

C2.2

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

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

i) Terex publishes an ESG report annually. The ESG report covers Terex's short-plan and Terex aims to incorporate ESG risks and opportunities into its management routines. For example, the Terex ESG Steering Committee evaluates sustainability standards and guidance such as SASB and TCFD to evaluate a climate risk management and sustainability reporting approach that will fit best with the Company's business and with medium-term plans. Terex is also developing science-based targets.

ii) Terex is in the early development of its climate-related risk management process, but already has identified that physical climate-related risks are important to consider, such as interruptions in production from changes in precipitation patterns and extreme variability in weather patterns and has identified transition climate-related interventions, such as enhanced emissions-reporting obligations to the UK Streamlined Energy & Carbon Reduction Commitment (SECR). Some of the results of identifying and assessing climate-related opportunities are expansion of environmentally friendly product lines. Currently. Terex offers electric and hybrid products and in 2021 launched Terex Recycling Systems to provide customers with a tailored, "one stop shop" to meet their recycling needs.

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 29 countries are involved, including Germany and Italy where Terex facilities are located. The EU ETS is currently in Phase IV. Currently only emissions of CO2 are covered, except in the Netherlands which also regulates N2O; 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 may in the future be increasingly subject to mandatory GHG emissions reporting in the countries where those facilities operate. 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, are relevant to our business since they require technology such as batteries for electric equipment to be available and we will be working with new supply chains. 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 driving further 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 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.
Reputation	Relevant, always included	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 customers, investors, stakeholders, and others 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.
Acute physical	Relevant, always included	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.
Chronic physical	Relevant, always included	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. 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 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.

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 Streamlined Energy & Carbon Reduction Commitment (SECR) Legislation. The SECR is a mandatory scheme aimed at improving energy efficiency and cutting emissions in large public and private sector organizations.

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

22,400

Description of response and explanation of cost calculation

Terex has developed a GHG emissions inventory to manage the risk of regulatory action. For example, we have an internal data system in which Terex locations input their energy usage. This data is reviewed to analyse energy usage and regulatory risk. Terex spends up to $22,400 on consulting costs.

Comment

No additional comments.

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 29 countries are involved, including Germany and Italy, where Terex facilities are located. The EU ETS is currently in Phase IV. Currently only emissions of CO2 are covered, except in the Netherlands which also regulates N2O; 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

22,400

Description of response and explanation of cost calculation

Terex has developed a GHG emissions inventory to manage the risk of regulatory action. For example, we have an internal data system in which Terex locations input their energy usage. This data is reviewed to analyze energy usage and regulatory risk. Terex spends up to $22,400 on consulting costs to maintain its GHG emissions inventory.

Comment

No additional comments.

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 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.

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
22,400

Description of response and explanation of cost calculation
Terex has developed a GHG emissions inventory to manage the risk of regulatory action. For example, we have an internal data system in which Terex locations input their energy usage. This data is reviewed to analyze energy usage and regulatory risk. Terex spends up to $22,400 on consulting costs to maintain its GHG emissions inventory.

Comment
No additional comments.

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 2022, 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 2021 we sold products in over 100 countries. No additional management costs ($0) incurred.

Comment

No additional comments.

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

109,143

Description of response and explanation of cost calculation

To mitigate this risk, energy efficiency measures were implemented. The cost associated with updating parking lot lights at a facility to LED was $3,500, the cost to replace a door to reduce heating cost was $27,000, the cost of reducing compressor run time by fixing leaks was $1,500, the cost to install LED lights in an assembly area was $4,000, the cost of an LED lighting change across three sites was $47,462, and the cost to replace a compressor to improve efficiency was $25,681.

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.

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)

38,868,000

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 program introduced in Europe, known as Stage V or Tier 5, is driving further engine emissions 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. 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-user which could increase demand for Terex 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)

38,868,000

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. 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 facilities, in the UK and EU, participated in Energy audits which resulted in recommendations for energy reduction projects. For the remaining facilities, Terex is committed to assessing energy availability and costs in 2022.

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)

43,432

Potential financial impact figure – minimum (currency)

Potential financial impact figure – maximum (currency)

Explanation of financial impact figure

In 2021, Terex integrated several sustainable solutions into their business operations which achieved savings of more than $43,000 USD from energy reduction projects. For example, in 2021 Terex replaced standard printers with multiservice printers for a cost saving of $912, updated breakroom materials to be eco-friendly for a cost savings of $2,218, implemented a plan to increase recycling of PPE for a cost saving of $240, eliminated the use of forklifts for painted parts movement for a cost savings of $10,150, and began widespread LED installations for a cost savings of $29,912.

Cost to realize opportunity

109,143

Strategy to realize opportunity and explanation of cost calculation

To realize this opportunity, energy efficiency measures were implemented. The cost associated with updating parking lot lights at a facility to LED was $3,500, the cost to replace a door to reduce heating cost was $27,000, the cost of reducing compressor run time by fixing leaks was $1,500, the cost to install LED lights in an assembly area was $4,000, the cost of an LED lighting change across three sites was $47,462, and the cost to replace a compressor to improve efficiency was $25,681.

Comment

No additional comments.

C3. Business Strategy

C3.1

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

Row 1

Transition plan

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

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

Terex is investigating its alignment with a 1.5DC world. Terex has been tracking and reporting its GHG inventory for several years and has evaluated its climate risks and opportunities at a high-level. Currently Terex has targets to reduce GHG emissions intensity 15% by 2024 and reduce global energy intensity conservation 15% reduction from 2019 baseline by 2024.

In the next two years, Terex will develop a transition plan that aligns with their ESG strategy including engagement with its value chain stakeholders and expansion of its environmentally friendly product lines.

C3.2

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

	Use of climate-related scenario analysis to	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

	inform strategy		
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 product, alongside an energy efficient service and operation, is 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 and Emissions. Terex is currently evaluating a variety of reporting structures and will select the one that best suits our industry and gives a high degree of visibility into our carbon reduction journey. The structures include Expansion of electric/hybrid products, Genie Electric Drive Scissor, Finlay Hybrid Jaw Crusher, Utilities HyPower Hybrid Solution, Implementing efficient solutions at our plants.

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 in residential areas and hybrid drive diesel hydraulic and diesel electric systems on Material Processing products

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 in the short term related to 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 in the short term related to 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	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 in residential areas; 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. 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.

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

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 CO2e)

35,341

Base year Scope 2 emissions covered by target (metric tons CO2e)

33,971

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

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

69,312

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 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 CO2e) [auto-calculated]

58,915.2

Scope 1 emissions in reporting year covered by target (metric tons CO2e)

35,770

Scope 2 emissions in reporting year covered by target (metric tons CO2e)

30,772

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)

66,542

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

26.6428131733

Target status in reporting year

Achieved

Is this a science-based target?

No, but we anticipate setting one in the next 2 years

Target ambition

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 but one of Terex manufacturing sites , (a new acquisition), 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

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

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
• LED installations in several global locations
• Installation of energy efficient industrial speed door
• Replacement of machinery and tools / addition of new machinery and tools to more energy efficient models
• Installation of Occupancy sensors
• Replacement of diesel fuelled FLT with electrical trucks
• Awareness projects
• Installation of skylights

C4.1b

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

Target reference number

Int 1

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 CO2e per unit hour worked

Base year

2019

Intensity figure in base year for Scope 1 (metric tons CO2e per unit of activity)

0.001733602

Intensity figure in base year for Scope 2 (metric tons CO2e per unit of activity)

0.0016664

Intensity figure in base year for Scope 3 (metric tons CO2e per unit of activity)

Intensity figure in base year for all selected Scopes (metric tons CO2e per unit of activity)

0.003400002

% 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 (in all Scope 3 categories) covered by this 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 CO2e per unit of activity) [auto-calculated]

0.0028900017

% change anticipated in absolute Scope 1+2 emissions

25

% change anticipated in absolute Scope 3 emissions

Intensity figure in reporting year for Scope 1 (metric tons CO2e per unit of activity)

0.00195339

Intensity figure in reporting year for Scope 2 (metric tons CO2e per unit of activity)

0.00168045

Intensity figure in reporting year for Scope 3 (metric tons CO2e per unit of activity)

Intensity figure in reporting year for all selected Scopes (metric tons CO2e per unit of activity)

0.00363384

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

-45.8505612644

Target status in reporting year

Underway

Is this a science-based target?

No, but we anticipate setting one in the next 2 years

Target ambition

Please explain target coverage and identify any exclusions

Terex Hours worked for reporting year 2021: 18,311,770
Terex total scope 1 emissions = 35,770, scope 2 emissions = 30,772 and total scope 1 + scope 2 emissions = 66,542 MTCO2e

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
• LED installations in several global locations
• Installation of energy efficient industrial speed door
• Replacement of machinery and tools / addition of new machinery and tools to more energy efficient models
• Installation of Occupancy sensors
• Replacement of diesel fuelled FLT with electrical trucks
• Awareness projects
• Installation of skylights

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

0.042

Target year

2024

Figure or percentage in target year

0.036

Figure or percentage in reporting year

0.047

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

-83.3333333333

Target status in reporting year

Underway

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 2021 equals to 18,311,770 hrs
Total energy consumption (renewable and non-renewable) equals to 858,920.6 GJ.

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

We believe our newly constructed plants in Monterrey, Mexico and in Watertown, South Dakota, with newer equipment, better materials and systems utilised, and each layout designed to be more efficient, along with our ongoing process improvements, will continue to increase our energy efficiency. Teams across Terex are actively engaged in projects to reduce their overall energy consumption as well as transitioning to renewable resources of energy. Changzhou, China solar generated 522 MWh of renewable energy.

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	11	
To be implemented*	0	0
Implementation commenced*	8	166.82
Implemented*	16	86.54
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

Other, please specify

Other, please specify

Multiservice Printers installation

Estimated annual CO2e savings (metric tonnes CO2e)

2.2

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)

912

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

0

Payback period

<1 year

Estimated lifetime of the initiative

3-5 years

Comment

Replaced standard printers with multiservice printers, saving almost 1,000 kg of paper in one year. This project has a related energy savings of 7600 kWh. CO2e savings were estimated using an average of US and UK emission factors from eGRID (2020) and DEFRA (2021), respectively. The average factor is 0.29 kg CO2e/kWh.

Initiative category & Initiative type

Waste reduction and material circularity
Waste reduction

Estimated annual CO2e savings (metric tonnes CO2e)

5.36

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

Scope 3 category 5: Waste generated in operations

Voluntary/Mandatory

Voluntary

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

2,218

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

0

Payback period

<1 year

Estimated lifetime of the initiative

3-5 years

Comment

Eco- Sustainable Break includes changes in packaging that have high recovery and recycling rates, Eco friendly options instead of use of plastic, use of bottled water made from recycled plastic. This project has a related energy savings of 18480 kWh. CO2e savings were estimated using an average of US and UK emission factors from eGRID (2020) and DEFRA (2021), respectively. The average factor is 0.29 kg CO2e/kWh.

Initiative category & Initiative type

Waste reduction and material circularity
Waste reduction

Estimated annual CO2e savings (metric tonnes CO2e)

0.58

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

Scope 3 category 5: Waste generated in operations

Voluntary/Mandatory

Voluntary

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

240

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

0

Payback period

<1 year

Estimated lifetime of the initiative

1-2 years

Comment

This project consists of collection and recycling of personal protective equipment (PPE) clothing, gloves, shoes, and work masks to produce secondary raw materials. The amount of PPE consumed is substantial in plants and this solution offers a strong and important impact. This project has a related energy savings of 1988 kWh. CO2e savings were estimated using an average of US and UK emission factors from eGRID (2020) and DEFRA (2021), respectively. The average factor is 0.29 kg CO2e/kWh.

Initiative category & Initiative type

Transportation

Company fleet vehicle replacement

Estimated annual CO2e savings (metric tonnes CO2e)

78.4

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

Scope 1

Voluntary/Mandatory

Mandatory

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

10,150

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

0

Payback period

<1 year

Estimated lifetime of the initiative

3-5 years

Comment

Elimination of forklift for painted parts movement from paint shop to assembly area by introducing the electrically operated tow truck. The result is 25 litres diesel saving per day. CO2e savings were estimated assuming operation 365 days/year using US WRI diesel density of 2.676 kg/L and US WRI diesel emission factor of 3.21 kg CO2e/kg diesel.

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 CO2e 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 manufacturer of heavy-duty aggregate and recycling trommels, apron feeders and conveyor systems based in the Republic of Ireland – MDS International
2. Terex acquired assets to facilitate manufacturing of certain MP products in China – Terex Jiading

Details of structural change(s), including completion dates

Acquisitions:
On July 6, 2021, Terex acquired a manufacturer of heavy-duty aggregate and recycling trommels, apron feeders and conveyor systems based in the Republic of Ireland
On May 25, 2021, Terex acquired assets to facilitate manufacturing of certain MP products in China

C5.1b

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

	Change(s) in methodology, boundary, and/or reporting year definition?
Row 1	No

C5.1c

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

	Base year recalculation	Base year emissions recalculation policy, including significance threshold
Row 1	No, because the impact does not meet our significance threshold	The base year recalculation policy is based on the materiality test of 5%. If the net impact of new and divested locations impact is more than 5% in a year for the emissions, then Terex would consider base year emissions recalculation.

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)

35,341

Comment

Scope 2 (location-based)

Base year start

January 1, 2019

Base year end

December 31, 2019

Base year emissions (metric tons CO2e)

33,971

Comment

Scope 2 (market-based)

Base year start

January 1, 2019

Base year end

December 31, 2019

Base year emissions (metric tons CO2e)

33,971

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 CO2e)

Comment

Scope 3 category 2: Capital goods

Base year start

Base year end

Base year emissions (metric tons CO2e)

Comment

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

Base year start

Base year end

Base year emissions (metric tons CO2e)

Comment

Scope 3 category 4: Upstream transportation and distribution

Base year start

Base year end

Base year emissions (metric tons CO2e)

Comment

Scope 3 category 5: Waste generated in operations

Base year start

Base year end

Base year emissions (metric tons CO2e)

Comment

Scope 3 category 6: Business travel

Base year start

Base year end

Base year emissions (metric tons CO2e)

Comment

Scope 3 category 7: Employee commuting

Base year start

Base year end

Base year emissions (metric tons CO2e)

Comment

Scope 3 category 8: Upstream leased assets

Base year start

Base year end

Base year emissions (metric tons CO2e)

Comment

Scope 3 category 9: Downstream transportation and distribution

Base year start

Base year end

Base year emissions (metric tons CO2e)

Comment

Scope 3 category 10: Processing of sold products

Base year start

Base year end

Base year emissions (metric tons CO2e)

Comment

Scope 3 category 11: Use of sold products

Base year start

Base year end

Base year emissions (metric tons CO2e)

Comment

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

Base year start

Base year end

Base year emissions (metric tons CO2e)

Comment

Scope 3 category 13: Downstream leased assets

Base year start

Base year end

Base year emissions (metric tons CO2e)

Comment

Scope 3 category 14: Franchises

Base year start

Base year end

Base year emissions (metric tons CO2e)

Comment

Scope 3 category 15: Investments

Base year start

Base year end

Base year emissions (metric tons CO2e)

Comment

Scope 3: Other (upstream)

Base year start

Base year end

Base year emissions (metric tons CO2e)

Comment

Scope 3: Other (downstream)

Base year start

Base year end

Base year emissions (metric tons CO2e)

Comment

C5.3

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

The Greenhouse Gas Protocol: A Corporate Accounting and Reporting Standard (Revised Edition)
The Greenhouse Gas Protocol: Scope 2 Guidance

C6. Emissions data

C6.1

(C6.1) What were your organization's gross global Scope 1 emissions in metric tons CO2e?

Reporting year

Gross global Scope 1 emissions (metric tons CO2e)

35,738

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 CO2e?

Reporting year

Scope 2, location-based

30,772

Scope 2, market-based (if applicable)

36,938

Comment

C6.4

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

Source

Office and small service locations

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 (if applicable)

Emissions are not relevant

Explain why this source is excluded

The GHG emissions from the small locations are determined to be not material (and therefore not relevant) since they are insignificant 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.

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

1

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 small compared to the larger direct operation sites.

Source

China – Terex Jiading facility

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 (if applicable)

Emissions are not relevant

Explain why this source is excluded

Our China – Terex Jiading facility was acquired midway through 2021 and it was difficult to obtain data in time for reporting. Emissions from this facility are determined to be not material (and therefore not relevant) since they are insignificant compared to the overall footprint of the company

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

5

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

The percentage is estimated to be less than 5%.

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

Not relevant, explanation provided

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 large equipment used in construction and utilities, which 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.

C-CG6.6

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

	Assessment of life cycle emissions	Comment
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 CO2e per unit currency total revenue and provide any additional intensity metrics that are appropriate to your business operations.

Intensity figure

0.0000091947

Metric numerator (Gross global combined Scope 1 and 2 emissions, metric tons CO2e)

66,510

Metric denominator

unit total revenue

Metric denominator: Unit total

3,886,800,000

Scope 2 figure used

Location-based

% change from previous year

8.68

Direction of change

Decreased

Reason for change

The total Scope 1 and Scope 2 GHG emissions increased in 2021 compared to 2020, by about 15.4%. The company revenues went up between the two years from $3,076,400,000 to $3,886,800,000, a 22.4% increase resulting a net intensity reduction. The GHG emissions increases were due to larger economic activity across the companies, acquisitions, and more reporting sites. These increases were in spite of several energy efficient projects that were recently implemented.

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	33,767	IPCC Fifth Assessment Report (AR5 – 100 year)
CH4	9	IPCC Fifth Assessment Report (AR5 – 100 year)
N2O	12	IPCC Fifth Assessment Report (AR5 – 100 year)
HFCs	1,950	IPCC Fifth Assessment Report (AR5 – 100 year)

C7.2

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

Country/Region	Scope 1 emissions (metric tons CO2e)
Brazil	220
China	1,160
France	95
Germany	2,443
India	430
Italy	1,750
Malaysia	32
Spain	38
United Arab Emirates	2
United Kingdom of Great Britain and Northern Ireland	7,487
United States of America	20,414
Australia	570
Republic of Korea	41
Singapore	3
Mexico	56
Netherlands	997

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)
AWP	21,905
MP	13,502
Corp and Other	331

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	1,950
Mobile Combustion	3,434
Stationary Combustion	30,354

C7.5

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

Country/Region	Scope 2, location-based (metric tons CO2e)	Scope 2, market-based (metric tons CO2e)
Australia	390	390
Brazil	78	78
China	2,700	2,700
France	1	1
Germany	391	680
India	1,982	1,982
Italy	764	1,082
Malaysia	144	144
Spain	1	2
United Arab Emirates	6	6
United Kingdom of Great Britain and Northern Ireland	4,274	6,093

United States of America	19,918	23,657
Republic of Korea	21	21
Singapore	6	6
Mexico	96	96
Switzerland	0.12	0.3

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	20,593	24,233
MP	9,467	11,888
Corp and Other	713	817

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	30,772	36,938

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?

Increased

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	Emissions value (percentage)	Please explain calculation
Change in renewable energy consumption	0	No change	0	No change
Other emissions reduction activities	86.54	Decreased	0.15	86.54 MT CO2e reduced/ 57,646 MT CO2e 2020 Scope 1 & 2 Decreases due to several emissions reduction projects: Replaced standard printers with multiservice printers, Eco-Sustainable Break includes changes in packaging that have high recovery and recycling rates, Eco friendly options instead of use of plastic, use of bottled water made from recycled plastic, collection and recycling of personal protective equipment (PPE) clothing, gloves, shoes, and work masks to produce secondary raw materials, Elimination of forklift for painted parts movement from paint shop to assembly area by introducing the electrically operated tow truck.
Divestment	0	No change	0	No change
Acquisitions	0	No change	0	No change
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 change0
Change in physical operating conditions	0	No change	0	No change
Unidentified	8,778	Increased	15.2	The total increase of 8,778 is due to the following reasons:

				1. Increased business post pandemic that resulted in greater business activity. 2. Acquired businesses in 2021. 3. Increased the number of sites that reported GHG data from 52 sites in 2020 to 76 sites in 2021. In spite of the increase, the GHG intensity based on revenues decreased for the company. 8778 MT CO2e/57,646 MT CO2e 2020 Scope 1 & 2.
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?

We don't have any Scope 3 emissions data

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	152,677	152,677
Consumption of purchased or acquired electricity		0	85,391	85,391
Consumption of self-generated non-fuel renewable energy		522		522
Total energy consumption		522	238,067	238,589

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

0

Comment

There is no sustainable biomass to be accounted for

Other biomass

Heating value

LHV

Total fuel MWh consumed by the organization

0

Comment

No 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

1,559

Comment

This is calculated based on total 5,755.1 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

117,814

Comment

The total is for LPG plus Natural Gas and is based on 28,162 MWh for LPG, 89,652 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

33,105

Comment

The total is for Diesel plus Gasoline and is based on 28,086 MWh for Diesel, 5,178 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

152,667

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	522	522	522	522
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.

Sourcing method

None (no active purchases of low-carbon electricity, heat, steam or cooling)

Energy carrier

Low-carbon technology type

Country/area of low-carbon energy consumption

Tracking instrument used

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

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

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

Comment

There was 0 MWH consumption in 2021 from purchased or acquired renewable sources

C8.2g

(C8.2g) Provide a breakdown of your non-fuel energy consumption by country.

Country/area

Australia

Consumption of electricity (MWh)

513.35

Consumption of heat, steam, and cooling (MWh)

0

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

513.35

Country/area

Brazil

Consumption of electricity (MWh)

1,263.49

Consumption of heat, steam, and cooling (MWh)

0

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

1,263.49

Country/area

China

Consumption of electricity (MWh)

5,025.1

Consumption of heat, steam, and cooling (MWh)

0

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

5,025.1

Country/area
France

Consumption of electricity (MWh)
16.75

Consumption of heat, steam, and cooling (MWh)
0

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

16.75

Country/area
Germany

Consumption of electricity (MWh)
1,155.05

Consumption of heat, steam, and cooling (MWh)
0

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

1,155.05

Country/area
India

Consumption of electricity (MWh)
2,799.12

Consumption of heat, steam, and cooling (MWh)
0

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

2,799.12

Country/area
Italy

Consumption of electricity (MWh)

2,359.62

Consumption of heat, steam, and cooling (MWh)

0

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

2,359.62

Country/area

Republic of Korea

Consumption of electricity (MWh)

49.68

Consumption of heat, steam, and cooling (MWh)

0

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

49.68

Country/area

Malaysia

Consumption of electricity (MWh)

214.11

Consumption of heat, steam, and cooling (MWh)

0

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

214.11

Country/area

Mexico

Consumption of electricity (MWh)

223

Consumption of heat, steam, and cooling (MWh)

0

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

223

Country/area

Singapore

Consumption of electricity (MWh)

14.03

Consumption of heat, steam, and cooling (MWh)

0

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

14.03

Country/area

Spain

Consumption of electricity (MWh)

7.83

Consumption of heat, steam, and cooling (MWh)

0

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

7.83

Country/area

Switzerland

Consumption of electricity (MWh)

10

Consumption of heat, steam, and cooling (MWh)

0

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

10

Country/area

United Arab Emirates

Consumption of electricity (MWh)

14.34

Consumption of heat, steam, and cooling (MWh)

0

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

14.34

Country/area

United Kingdom of Great Britain and Northern Ireland

Consumption of electricity (MWh)

15,411.74

Consumption of heat, steam, and cooling (MWh)

0

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

15,411.74

Country/area

United States of America

Consumption of electricity (MWh)

56,313.29

Consumption of heat, steam, and cooling (MWh)

0

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

56,313.29

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, one of the areas of R&D was reduction of emissions from engines resulting in the newest diesel engine emission reduction program being introduced in Europe, known as Stage V or Tier 5, 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 energy efficient products or efficiency drivers

Stage of development in the reporting year

Large scale commercial deployment

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

21 - 40%

R&D investment figure in the reporting year (optional)

Comment

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.
SCRAP HANDLING/RECYCLING: In 2021, we introduced Terex Recycling Systems, which will provide 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.
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.

Technology area

Electromobility components

Stage of development in the reporting year

Basic academic/theoretical research

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

≤20%

R&D investment figure in the reporting year (optional)

Comment

Our products do not currently measure the efficiencies, but we are working on a Telematics system that will have this capability.

Technology area

Hydrogen power

Stage of development in the reporting year

Basic academic/theoretical research

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

≤20%

R&D investment figure in the reporting year (optional)

Comment

This hydrogen power related technology is at an exploratory stage

Technology area

Other energy efficient products or efficiency drivers

Stage of development in the reporting year

Large scale commercial deployment

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

≤20%

R&D investment figure in the reporting year (optional)

Comment

Tier 4f engines - we do not currently measure the efficiencies but are working on a Telematics system that will have this capability

C10. Verification

C10.1

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

	Verification/assurance status
Scope 1	No third-party verification or assurance
Scope 2 (location-based or market-based)	No third-party verification or assurance

Scope 3	No third-party verification or assurance

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?

No, we do not verify any other climate-related information reported in our CDP disclosure

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 workplaces to determine if equipment, machinery and facilities meet specified safety standards. Each of our manufacturing facilities is 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 originated or purchased any project-based carbon credits within the reporting period?

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

Direct or indirect engagement that could influence policy, law, or regulation that may impact the climate

No

Describe the process(es) your organization has in place to ensure that your engagement activities are consistent with your overall climate change strategy

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).

Primary reason for not engaging in activities that could directly or indirectly influence policy, law, or regulation that may impact the climate

Important but not an immediate priority

Explain why your organization does not engage in activities that could directly or indirectly influence policy, law, or regulation that may impact the climate

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.

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).

Publication
In voluntary sustainability report

Status
Complete

Attach the document
Terex-Corporation-ESG-Report-20213af48a00-4bad-45c5-8bb0-f860aa64e680.pdf

Page/Section reference
Pages 6, 11, 23-27, 32

Content elements
Governance
Strategy
Risks & opportunities
Emissions figures
Emission targets
Other metrics

Comment
The attached report is the 2021 ESG report.

Publication
In mainstream reports

Status
Complete

Attach the document
TEX 2021 10-K Final.pdf

Page/Section reference
Page 15

Content elements
Risks & opportunities

Comment
The attached report is Terex's 10-K.

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 in the area of 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.

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 impact of its value chain on biodiversity?

	Does your organization assess the impact of its value chain on biodiversity?
Row 1	No, and we do not plan to assess biodiversity-related impacts within the next two years

C15.4

(C15.4) 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?

Row 1	No, and we do not plan to undertake any biodiversity-related actions

C15.5

(C15.5) 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	

C15.6

(C15.6) 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
No publications		

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.

No additional information to provide.

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

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

Please confirm below