Tennant Company

2024 CDP Corporate Questionnaire 2024

Word version

Important: this export excludes unanswered questions
This document is an export of your organization's CDP questionnaire response. It contains all data points for questions that are answered or in progress. There may be questions or data points that you have been requested to provide, which are missing from this document because they are currently unanswered. Please note that it is your responsibility to verify that your questionnaire response is complete prior to submission. CDP will not be liable for any failure to do so.
Terms of disclosure for corporate questionnaire 2024 - CDP

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09/26/2024, 03:45 pm

Contents

C1. Introduction

(1.3) Provide an overview and introduction to your organization.

(1.3.2) Organization type

Select from:

☑ Publicly traded organization

(1.3.3) Description of organization

Founded in 1870 by George H. Tennant, Tennant Company ("the Company, we, us, or our"), headquartered in Eden Prairie, Minnesota, is a world leader in designing, manufacturing, and marketing of solutions that help create a cleaner, safer and healthier world. Tennant was incorporated as a Minnesota corporation in 1909 and began as a one-person woodworking business, eventually evolving into a successful wood flooring and wood products company and finally into a manufacturer of floor cleaning equipment. Throughout its history, the Company has focused on advancing our industry by aggressively pursuing new technologies and creating a culture that celebrates innovation.

Today, the Company has 11 global manufacturing locations and operates in three geographic areas, including the Americas, Europe, Middle East and Africa (EMEA), and Asia Pacific (APAC). We aggregate our operating segments into one reportable segment that consists of the design, manufacture, sale, and servicing of products used primarily to maintain nonresidential surfaces. The Company is committed to developing innovative and sustainable solutions that help customers clean spaces more effectively with high-performance solutions that minimize waste, reduce costs, improve safety, and further sustainability goals. The Company is focused on achieving operating efficiencies as we continue to innovate and invest in our product portfolio to deliver value to our customers and drive profitable growth for our shareholders. The Company offers products and solutions consisting of mechanized cleaning equipment for both industrial and commercial use, detergent-free and other sustainable cleaning technologies, aftermarket parts and consumables, equipment maintenance and repair services, and business solutions such as financing, rental and leasing programs, and machine-to-machine asset management solutions.

The Company is committed to developing cleaning technologies, including autonomous solutions, which increase cleaning productivity. We have a strong brand presence in the global markets we serve, offering both premium and mid-tier products for each region to meet customer needs. The Company's products are used in many environments, including factories and warehouses, distribution centers, office buildings, public venues such as arenas and stadiums, office buildings, schools and universities, hospitals and clinics, and more. The Company markets its offerings under the following brands: Tennant, Nobles, Alfa Uma Empresa Tennant, IRIS, VLX, IPC brands, Gaomei and Rongen brands, and private-label brands. The Company's more than 40,000 customers include contract cleaners to whom organizations outsource facilities maintenance and businesses that perform facilities maintenance themselves. The Company reaches these customers through the industry's largest direct sales and service organization and a strong and well-supported network of authorized distributors worldwide. The Company has an extensive global field service network. We sell products directly in 15 countries and through distributors in more than 100 countries.

The 2023 Form 10-K (Annual Report) and latest Proxy Statement are available here: https://investors.tennantco.com/reports/annual-reports/default.aspx.

Utilizing the results of the Company's 2022 materiality assessment, in 2023, we initiated the integration of our Thriving People. Healthy Planet. sustainability framework, which provides the lens through which we set goals, align plans, and integrate sustainability across our business – enabling performance and enhancing and expanding our sustainability & ESG governance structure to ensure cross-functional management support.

In 2018, we set two greenhouse gas (GHG) emissions reduction targets with the Science Based Targets initiative (SBTi). We are proud to be one of the first 104 companies globally to have our science-based targets (SBT) approved and to be featured in SBTi's Scope 3 best practices in the GHG management guidance document, highlighting our innovations in product design to reduce our value stream emissions. (https://sciencebasedtargets.org/resources/files/SBT_Value_Chain_Report-1.pdf).

Since setting these targets, our world and business have significantly changed. We have learned more about our changing climate and seen a significant increase in customer demand for lower-emissions products and engagement from other stakeholders. Combined with accelerated progress against our targets, our growth, and the drive to future-proof our business in our ever-changing world, utilizing SBTi's Corporate Net-Zero Standard, we drafted near- and long-term net-zero targets in 2022. We used SBTi's tools and resources to analyze our historical GHG emissions data to forecast future emissions and engaged internal stakeholders and subject matter experts to align with organizational priorities. In 2023, SBTi validated our net-zero by 2040 targets, cementing Tennant's climate leadership.
[Fixed row]

(1.4) State the end date of the year for which you are reporting data. For emissions data, indicate whether you will be providing emissions data for past reporting years.

	End date of reporting year	Alignment of this reporting period with your financial reporting period	Indicate if you are providing emissions data for past reporting years
	12/31/2023	*Select from:* ☑ Yes	*Select from:* ☑ No

[Fixed row]

(1.5) Provide details on your reporting boundary.

	Is your reporting boundary for your CDP disclosure the same as that used in your financial statements?
	Select from: ☑ Yes

[Fixed row]

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

ISIN code - bond

(1.6.1) Does your organization use this unique identifier?

Select from:

☑ Yes

(1.6.2) Provide your unique identifier

US8803451033

ISIN code - equity

(1.6.1) Does your organization use this unique identifier?

Select from:

☑ No

CUSIP number

(1.6.1) Does your organization use this unique identifier?

Select from:
☑ Yes

(1.6.2) Provide your unique identifier

880345103

Ticker symbol

(1.6.1) Does your organization use this unique identifier?

Select from:
☑ Yes

(1.6.2) Provide your unique identifier

TNC

SEDOL code

(1.6.1) Does your organization use this unique identifier?

Select from:
☑ No

LEI number

(1.6.1) Does your organization use this unique identifier?

Select from:
☑ No

D-U-N-S number

(1.6.1) Does your organization use this unique identifier?

Select from:
☑ No

Other unique identifier

(1.6.1) Does your organization use this unique identifier?

Select from:
☑ No
[Add row]

(1.8) Are you able to provide geolocation data for your facilities?

	Are you able to provide geolocation data for your facilities?	Comment
	Select from: ☑ No, this is confidential data	*Tennant Company does not disclose this information outside of what is disclosed in 9.3.1.*

[Fixed row]

(1.8.1) Please provide all available geolocation data for your facilities.

Row 1

(1.8.1.1) Identifier

Recon Center

(1.8.1.2) Latitude

21.885256

(1.8.1.3) Longitude

-102.291568

Row 2

(1.8.1.1) Identifier

Service and Recon Center

(1.8.1.2) Latitude

32.774622

(1.8.1.3) Longitude

-97.048421

Row 3

(1.8.1.1) Identifier

Production facility

(1.8.1.2) Latitude

31.84581

(1.8.1.3) Longitude

117.05994

Row 4

(1.8.1.1) Identifier

Production facility

(1.8.1.2) Latitude

31.83658

(1.8.1.3) Longitude

117.15341

Row 5

(1.8.1.1) Identifier

Recon Center

(1.8.1.2) Latitude

41.716502

(1.8.1.3) Longitude

-0.842498

Row 6

(1.8.1.1) Identifier

Service and Recon Center

(1.8.1.2) Latitude

43.585297

(1.8.1.3) Longitude

-79.644984

Row 7

(1.8.1.1) Identifier

Engineering

(1.8.1.2) Latitude

44.991715

(1.8.1.3) Longitude

-93.360003

Row 8

(1.8.1.1) Identifier

Service Center

(1.8.1.2) Latitude

44.991715

(1.8.1.3) Longitude

-93.360003

Row 9

(1.8.1.1) Identifier

Production facility

(1.8.1.2) Latitude

44.991715

(1.8.1.3) Longitude

-93.360003

Row 10

(1.8.1.1) Identifier

Recon Center

(1.8.1.2) Latitude

44.991715

(1.8.1.3) Longitude

-93.360003

Row 11

(1.8.1.1) Identifier

Production facility

(1.8.1.2) Latitude

51.663107

(1.8.1.3) Longitude

5.623923

Row 12

(1.8.1.1) Identifier

Production facility

Row 13

(1.8.1.1) Identifier

Production facility

Row 14

(1.8.1.1) Identifier

Production facility

Row 15

(1.8.1.1) Identifier

Production facility

Row 16

(1.8.1.1) Identifier

Corporate

Row 17

(1.8.1.1) Identifier

Production facility

Row 18

(1.8.1.1) Identifier

Production facility

Row 19

(1.8.1.1) Identifier

Corporate

Row 20

(1.8.1.1) Identifier

Production facility

Row 21

(1.8.1.1) Identifier

Production facility
[Add row]

(1.24) Has your organization mapped its value chain?

(1.24.1) Value chain mapped

Select from:
☑ Yes, we have mapped or are currently in the process of mapping our value chain

(1.24.2) Value chain stages covered in mapping

Select all that apply

☑ Upstream value chain

☑ Downstream value chain

(1.24.3) Highest supplier tier mapped

Select from:

☑ Tier 2 suppliers

(1.24.4) Highest supplier tier known but not mapped

Select from:

☑ Tier 3 suppliers

(1.24.7) Description of mapping process and coverage

Tennant is in the process of mapping its value chain to gain better visibility into key areas such as risk management, traceability, and supplier engagement. While we have mapped certain critical parts of our value chain—particularly our direct suppliers and core manufacturing processes—there are still areas, such as lower-tier suppliers and logistics partners, where data collection and analysis are ongoing. This mapping effort is a priority, and we are working toward a comprehensive view of our entire value chain to enhance our ability to manage risks and engage more effectively with our suppliers.
[Fixed row]

(1.24.1) Have you mapped where in your direct operations or elsewhere in your value chain plastics are produced, commercialized, used, and/or disposed of?

(1.24.1.1) Plastics mapping

Select from:

☑ Yes, we have mapped or are currently in the process of mapping plastics in our value chain

(1.24.1.2) Value chain stages covered in mapping

Select all that apply

☑ Upstream value chain

☑ Downstream value chain

☑ End-of-life management

☑ Other, please specify

(1.24.1.4) End-of-life management pathways mapped

Select all that apply

☑ Preparation for reuse

☑ Recycling

[Fixed row]

C2. Identification, assessment, and management of dependencies, impacts, risks, and opportunities

(2.1) How does your organization define short-, medium-, and long-term time horizons in relation to the identification, assessment, and management of your environmental dependencies, impacts, risks, and opportunities?

Short-term

(2.1.1) From (years)

0

(2.1.3) To (years)

2

(2.1.4) How this time horizon is linked to strategic and/or financial planning

Tennant Company is in the process of updating our double materiality assessment (first assessed in 2022) to comply with the new EU CSRD requirements. Following that assessment, Tennant Company will continue to evaluate our strategic priorities to identify and understand the short-term risks, opportunities and impacts that are associated with each priority topic.

Medium-term

(2.1.1) From (years)

2

(2.1.3) To (years)

5

(2.1.4) How this time horizon is linked to strategic and/or financial planning

Tennant Company launched our new Elevate Enterprise Strategy in 2023, which assessed key areas of risk for the next three years. We have now linked our Enterprise Risk Management process to the Elevate Enterprise Strategy priorities, which will continue to identify new and emerging risks, evaluate key risk drivers, and establish our strategic objectives. Risks across the organization are then reviewed from a strategic standpoint to align with our compliance, finance, technology and daily operations goals.

Long-term

(2.1.1) From (years)

5

(2.1.2) Is your long-term time horizon open ended?

Select from:

☑ No

(2.1.3) To (years)

10

(2.1.4) How this time horizon is linked to strategic and/or financial planning

Tennant Company has committed to achieving net-zero emissions by 2040. As part of this commitment, we are making investments in the electrification of our global vehicle fleet to reduce emissions by 40% by 2030. In addition, we will continue to invest in energy efficiency initiatives to source 100% renewable electricity across all our global facilities by 2030.
[Fixed row]

(2.2) Does your organization have a process for identifying, assessing, and managing environmental dependencies and/or impacts?

	Process in place	Dependencies and/or impacts evaluated in this process
	Select from: ☑ Yes	*Select from:* ☑ Both dependencies and impacts

[Fixed row]

(2.2.1) Does your organization have a process for identifying, assessing, and managing environmental risks and/or opportunities?

	Process in place	Risks and/or opportunities evaluated in this process	Is this process informed by the dependencies and/or impacts process?
	Select from: ☑ Yes	*Select from:* ☑ Both risks and opportunities	*Select from:* ☑ Yes

[Fixed row]

(2.2.2) Provide details of your organization's process for identifying, assessing, and managing environmental dependencies, impacts, risks, and/or opportunities.

Row 1

(2.2.2.1) Environmental issue

Select all that apply

☑ Climate change

(2.2.2.2) Indicate which of dependencies, impacts, risks, and opportunities are covered by the process for this environmental issue

Select all that apply

☑ Dependencies

☑ Impacts

☑ Risks

☑ Opportunities

(2.2.2.3) Value chain stages covered

Select all that apply

☑ Direct operations

☑ Upstream value chain

☑ Downstream value chain

☑ End of life management

(2.2.2.4) Coverage

Select from:

☑ Full

(2.2.2.5) Supplier tiers covered

Select all that apply

☑ Tier 1 suppliers

(2.2.2.7) Type of assessment

Select from:

☑ Qualitative and quantitative

(2.2.2.8) Frequency of assessment

Select from:

☑ Annually

(2.2.2.9) Time horizons covered

Select all that apply

☑ Short-term

☑ Medium-term

☑ Long-term

(2.2.2.10) Integration of risk management process

Select from:

☑ Integrated into multi-disciplinary organization-wide risk management process

(2.2.2.11) Location-specificity used

Select all that apply

☑ Site-specific

☑ Local

☑ Sub-national

☑ National

(2.2.2.12) Tools and methods used

Enterprise Risk Management

☑ Enterprise Risk Management

☑ Internal company methods

☑ Other enterprise risk management, please specify **:**Enterprise wide Global Positioning Strategy

Databases

☑ Nation-specific databases, tools, or standards

Other

☑ Scenario analysis
☑ Desk-based research
☑ External consultants
☑ Materiality assessment
☑ Internal company methods
☑ Other, please specify **:Ecovadis**

(2.2.2.13) Risk types and criteria considered

Acute physical

☑ Tornado
☑ Wildfires
☑ Cyclones, hurricanes, typhoons
☑ Heavy precipitation (rain, hail, snow/ice)
☑ Flood (coastal, fluvial, pluvial, ground water)
☑ Storm (including blizzards, dust, and sandstorms)

Chronic physical

☑ Other chronic physical driver, please specify **:**Extreme weather events due to climate change Events occurring and affecting our transportation and logistics throughout our supply chain, which would create a domino effect for our manufacturing facilities and, ultimately, product delivery.

Policy

☑ Carbon pricing mechanisms
☑ Changes to international law and bilateral agreements
☑ Changes to national legislation

Market

☑ Changing customer behavior
☑ Other market, please specify **:**Risks of competitors' products and technologies outperforming ours or not responding to customers' shifts in preferences to lower emissions products and services.

Technology

☑ Transition to lower emissions technology and products

Liability

☑ Exposure to litigation

(2.2.2.14) Partners and stakeholders considered

Select all that apply

☑ Customers

☑ Employees

☑ Investors

☑ Local communities

☑ Suppliers

(2.2.2.15) Has this process changed since the previous reporting year?

Select from:

☑ Yes

(2.2.2.16) Further details of process

Tennant Company uses an Enterprise Risk Assessment (ERA) process to identify, monitor, and assess the Company's short-, medium-, and long-term risks, including climate-related risks. It prompts the development of strategies to respond to those risks. The ERA is performed annually for the entire Company. In 2023, we launched the new Elevate Enterprise Strategy for the upcoming three years. We have linked our Enterprise Risk Management process to the priorities of our Elevate Enterprise Strategy, to identify the new and emerging risks, evaluate the key risk drivers and understand the key priorities and objectives.

Tennant surveys leaders from all geographic areas, product-type business units, and leaders from all business functions. For 2023, 82 individuals across locations, functions and leadership levels were surveyed. Participation by the Global Leadership Team was 100%.

The risk information from the survey is collected, aggregated, benchmarked against trend information from various sources, and presented to the Board of Directors. A cross-functional team of representatives from relevant business units is responsible for updating the enterprise risk profile. The enterprise risk profile includes rationalizing, prioritization, remediation planning, and reviews with the Senior Operating Committee (SOC), the Senior Management Team (SMT), and the Board of Directors. This ongoing process continues until the annual ERA update begins the following year again. The 2023 ERA was completed in Q4 and included ten top risks, several of which encompass climate-related risks. Execution and integration (M&A), supply chain effectiveness; competition; data governance, research and development macroeconomic & geopolitical factors were identified as new/elevated risks. In conjunction with the ERA, our Product Regulatory Affairs (PRA) group

within the Legal Department monitors responsible material sourcing and product regulatory risks and opportunities. PRA personnel review upcoming and current regulations and then work with product marketing, engineering, and global sourcing teams to determine if and how we will prepare and respond to the new rules.

Climate-related risks and opportunities are inherent in our approach to achieving our enterprise goals. For example, product simplification and innovation are focus areas of this strategy, both of which have inherent climate-related benefits to the business. Lastly, the Sustainability Team manages climate-related risks and opportunities through our carbon reduction initiatives. These initiatives include commitments, goals, plans, SOPs, policies, measurement, data management, internal/external communication, management reviews, and market research. For example, in preparation for the setting of our Science Based Target initiative (SBTi) goal, we identified that the "use of Sold Products" accounted for over 65% of our total emissions. This resulted in setting a goal to reduce carbon emissions from the Use of Sold Products, thereby influencing our future work internally and externally with suppliers, utilities, and customers.
[Add row]

(2.2.7) Are the interconnections between environmental dependencies, impacts, risks and/or opportunities assessed?

(2.2.7.1) Interconnections between environmental dependencies, impacts, risks and/or opportunities assessed

Select from:

☑ Yes

(2.2.7.2) Description of how interconnections are assessed

Tennant Company uses an Enterprise Risk Assessment (ERA) process to identify, monitor, and assess the Company's short-, medium-, and long-term risks, including the interconnection between different areas of risk. This informs the development of comprehensive strategies to respond to those risks.
[Fixed row]

(2.3) Have you identified priority locations across your value chain?

(2.3.1) Identification of priority locations

Select from:

☑ Yes, we have identified priority locations

(2.3.2) Value chain stages where priority locations have been identified

Select all that apply

☑ Direct operations

(2.3.3) Types of priority locations identified

Sensitive locations

☑ Areas of limited water availability, flooding, and/or poor quality of water

Locations with substantive dependencies, impacts, risks, and/or opportunities

☑ Locations with substantive dependencies, impacts, risks, and/or opportunities relating to water

(2.3.4) Description of process to identify priority locations

Tennant is in the process of establishing water baselines at our manufacturing facilities as part of our water workstream, and areas of elevated water risk have been assessed and identified.

(2.3.5) Will you be disclosing a list/spatial map of priority locations?

Select from:

☑ No, we have a list/geospatial map of priority locations, but we will not be disclosing it

[Fixed row]

(2.4) How does your organization define substantive effects on your organization?

Risks

(2.4.1) Type of definition

Select all that apply

☑ Quantitative

(2.4.2) Indicator used to define substantive effect

Select from:

☑ EBITDA

(2.4.3) Change to indicator

Select from:

☑ % decrease

(2.4.4) % change to indicator

Select from:

☑ 1-10

(2.4.6) Metrics considered in definition

Select all that apply

☑ Frequency of effect occurring

☑ Time horizon over which the effect occurs

☑ Likelihood of effect occurring

(2.4.7) Application of definition

Specific to climate-related risks and opportunities, a substantive strategic impact is defined and established through our materiality process. In 2022, we completed an updated materiality assessment as part of a refresh of our sustainability strategy. We incorporated the concept of double materiality, which means we evaluated the potential impact of environmental and social issues on the financial performance and value of Tennant (financial materiality or "impact inwards"), and also the impact of Tennant's activities on people and the environment (environmental & social materiality or "impact outwards"). The results of the materiality assessment and a complete list of the issues with a substantive strategic impact can be found in our 2024 (FY23) Sustainability Report: https://investors.tennantco.com/reports/sustainability-report/default.aspx.

Specific to overall risks and opportunities, a substantive financial impact is any activity or event that affects our profitability or financial position by more than 1-10%. This threshold is used in our long-range planning and budgeting processes to determine the risks and opportunities the business will pursue, inclusive of climate-related risks and opportunities. More broadly, our finance and internal audit departments develop materiality, substantive financial impact, and deficiency reporting thresholds annually. These thresholds are reviewed and approved annually by the Audit Committee of the Board of Directors in February. A substantive financial impact is then included as a criterion when rating enterprise risks in our annual enterprise risk assessment (ERA) survey. Enterprise risks are included in the yearly ERA survey from the cross-functionally identified Risk Universe. As mentioned, each enterprise risk is evaluated using a methodology that evaluates impact (financial, reputational, and operational loss), the overall likelihood of that risk occurring, and our management preparedness.

Opportunities

(2.4.1) Type of definition

Select all that apply

☑ Quantitative

(2.4.2) Indicator used to define substantive effect

Select from:

☑ EBITDA

(2.4.3) Change to indicator

Select from:

☑ % increase

(2.4.4) % change to indicator

Select from:

☑ 1-10

(2.4.6) Metrics considered in definition

Select all that apply

☑ Frequency of effect occurring

☑ Time horizon over which the effect occurs

☑ Likelihood of effect occurring

(2.4.7) Application of definition

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[Add row]

(2.5) Does your organization identify and classify potential water pollutants associated with its activities that could have a detrimental impact on water ecosystems or human health?

	Identification and classification of potential water pollutants	Please explain
	Select from: ☑ No, we do not identify and classify our potential water pollutants	*Not applicable*

[Fixed row]

C3. Disclosure of risks and opportunities

(3.1) Have you identified any environmental risks which have had a substantive effect on your organization in the reporting year, or are anticipated to have a substantive effect on your organization in the future?

Climate change

(3.1.1) Environmental risks identified

Select from:

☑ Yes, both in direct operations and upstream/downstream value chain

Water

(3.1.1) Environmental risks identified

Select from:

☑ No

(3.1.2) Primary reason why your organization does not consider itself to have environmental risks in your direct operations and/or upstream/downstream value chain

Select from:

☑ Insufficient data

(3.1.3) Please explain

Tennant Company is in the early stages of collecting data at our manufacturing facilities and corporate offices to establish baselines for water use across our operations. We are mapping our facilities to assess overall water-related risks. Once this data is obtained and baselines are established, we will integrate water risk considerations into our Enterprise Risk Management (ERM) framework.

Plastics

(3.1.1) Environmental risks identified

Select from:

☑ No

(3.1.2) Primary reason why your organization does not consider itself to have environmental risks in your direct operations and/or upstream/downstream value chain

Select from:

☑ Insufficient data

(3.1.3) Please explain

We are actively collaborating with local stakeholders, for example, in Spain, to address issues related to non-recyclable plastics. Additionally, we are indirectly supporting efforts to build out reporting capabilities for plastic waste at our manufacturing facilities. Once we gather sufficient data to assess plastics-related risks, we will evaluate how best to integrate them into our Enterprise Risk Management (ERM) framework.
[Fixed row]

(3.1.1) Provide details of the environmental risks identified which have had a substantive effect on your organization in the reporting year, or are anticipated to have a substantive effect on your organization in the future.

Climate change

(3.1.1.1) Risk identifier

Select from:

☑ Risk1

(3.1.1.3) Risk types and primary environmental risk driver

Market

☑ Other market risk, please specify **:**Increased cost of raw materials

(3.1.1.4) Value chain stage where the risk occurs

Select from:

☑ Upstream value chain

(3.1.1.6) Country/area where the risk occurs

Select all that apply

☑ United States of America

(3.1.1.9) Organization-specific description of risk

Tennant Company sees as a potential risk the increased costs of raw materials due to supply chain disruptions in part caused by climate change and other environmental issues. Climate change continues to drive extreme weather events, which may occur more frequently. Extreme weather events, such as tornadoes, hurricanes, typhoons, and flooding, present a global business interruption and resiliency risk to Tennant Company. These extreme weather events may occur more frequently. In 2023, the U.S. experienced 28 separate weather and climate disasters costing at least 1 billion dollars. https://www.climate.gov/news-features/blogs/beyond-data/2023-historic-year-us-billion-dollar-weather-and-climate-disasters

We have many direct material supplier groupings within Tennant Company's complex and broad product line. These groupings include but aren't limited to batteries, chargers, castings, engines, motors, and drives. To help manage this risk, we have several suppliers in each grouping who, in turn, have some facilities across the globe in various markets and economies. However, having a sole source for our materials creates risk, and having numerous, more diverse suppliers creates complexity, so a strategic supplier approach is required to achieve a good balance. Extreme weather events cause supply chain interruptions, including supplier facilities being shut down for several days.

(3.1.1.11) Primary financial effect of the risk

Select from:

☑ Increased direct costs

(3.1.1.12) Time horizon over which the risk is anticipated to have a substantive effect on the organization

Select all that apply

☑ Long-term

(3.1.1.13) Likelihood of the risk having an effect within the anticipated time horizon

Select from:

☑ Likely

(3.1.1.14) Magnitude

Select from:

☑ Medium-high

(3.1.1.16) Anticipated effect of the risk on the financial position, financial performance and cash flows of the organization in the selected future time horizons

Tennant Company sees as a potential risk the increased costs of raw materials due to supply chain disruptions in part caused by climate change and other environmental issues.

(3.1.1.17) Are you able to quantify the financial effect of the risk?

Select from:

☑ Yes

(3.1.1.23) Anticipated financial effect figure in the long-term – minimum (currency)

0

(3.1.1.24) Anticipated financial effect figure in the long-term – maximum (currency)

7158000

(3.1.1.25) Explanation of financial effect figure

We do not publicly share the financial details of specific products. However, to estimate the potential financial impact of the increased cost of raw materials, with an estimated 1% increase in the total sales costs – as reported in our 2023 10-K (pg. 20), the potential financial impact is about 7,158,000. Please note that the total cost of sales figure includes many other expenses, including raw materials.

(3.1.1.26) Primary response to risk

Engagement

☑ Engage with suppliers

(3.1.1.27) Cost of response to risk

0

(3.1.1.28) Explanation of cost calculation

N/A

(3.1.1.29) Description of response

Tennant Company manages the market risk of the increased cost of raw materials by communicating with our suppliers regularly to understand how and why any of their costs increase, including due to emerging climate-related regulations. The Global Strategic Supply teams work to mitigate raw material cost increases. The

Global Strategic Supply teams are responsible for our global supply chain, which includes: developing and implementing company-specific strategies for direct and indirect supply while driving continuous improvement throughout the supply chain; collaborating with manufacturing location-based groups; coordinating the global transportation network, contracts, and spend; and collaborating with global material control teams to manage supplier performance through key performance metrics. We continued dialogue with additional suppliers on all aspects of sustainability (including carbon emissions).

Climate change

(3.1.1.1) Risk identifier

Select from:

☑ Risk2

(3.1.1.3) Risk types and primary environmental risk driver

Policy

☑ Other policy risk, please specify **:**Emerging Regulation- Enhanced Emissions- Reporting obligations

(3.1.1.4) Value chain stage where the risk occurs

Select from:

☑ Direct operations

(3.1.1.6) Country/area where the risk occurs

Select all that apply

☑ United States of America

(3.1.1.9) Organization-specific description of risk

Emerging regulations Tennant Company sees as potential risks are enhanced emissions-reporting obligations in the United States and the European Union, where we have significant operations. Specifically, the U.S. Securities and Exchange Commission (SEC) proposed climate change disclosure rule and the European Union's Corporate Sustainability Reporting Directive would significantly increase our reporting and disclosure requirements.

In March 2022, the SEC proposed rule changes that would require registrants to include certain climate-related disclosures in their registration statements and periodic reports, including information about climate-related risks that are reasonably likely to have a material impact on their business, results of operations or financial condition, and specific climate-related financial statement metrics in a note to their audited financial statements. The required information about climate-related risks also would include disclosure of a registrant's greenhouse gas emissions, which have become a commonly used metric to assess a registrant's exposure to such risks.

In November 2022, the European Council (E.C.) and the European Parliament approved the CSRD, which will affect not only E.U.-based companies but all companies with significant operations in E.U. jurisdictions, which includes Tennant Company.

Tennant Company is actively preparing for compliance with emerging regulations in all geographies, including the SEC Climate Rule and the EU CSRD.

(3.1.1.11) Primary financial effect of the risk

Select from:

☑ Increased compliance costs

(3.1.1.12) Time horizon over which the risk is anticipated to have a substantive effect on the organization

Select all that apply

☑ Short-term

☑ The risk has already had a substantive effect on our organization in the reporting year

(3.1.1.13) Likelihood of the risk having an effect within the anticipated time horizon

Select from:

☑ Very likely

(3.1.1.14) Magnitude

Select from:

☑ Medium-low

(3.1.1.15) Effect of the risk on the financial position, financial performance and cash flows of the organization in the reporting year

Higher selling, administrative, and related costs, impacting overall business performance.

(3.1.1.16) Anticipated effect of the risk on the financial position, financial performance and cash flows of the organization in the selected future time horizons

Emerging regulations Tennant Company sees as potential risks are enhanced emissions-reporting obligations in the United States and the European Union, where we have significant operations. Specifically, the U.S. Securities and Exchange Commission (SEC) proposed climate change disclosure rule and the European Union's Corporate Sustainability Reporting Directive would significantly increase our reporting and disclosure requirements. The results of our 2024 double materiality assessment in preparation for the EU CSRD will inform changes to our current scope of reporting.

(3.1.1.17) Are you able to quantify the financial effect of the risk?

Select from:

☑ Yes

(3.1.1.18) Financial effect figure in the reporting year (currency)

400000

(3.1.1.19) Anticipated financial effect figure in the short-term – minimum (currency)

0

(3.1.1.20) Anticipated financial effect figure in the short-term – maximum (currency)

750000

(3.1.1.25) Explanation of financial effect figure

We are investing in our people, processes, and systems to enhance our reporting process further to comply with these emerging regulations. Given that these emerging regulations are new and yet to be fully implemented, it is unknown what a potential non-compliance penalty(ies) could be. Specific to overall risks and opportunities, a substantive financial impact is any activity or event that affects our profitability or financial position by more than 1-10%. This threshold is used in our long-range planning and budgeting processes to determine the risks and opportunities the business will pursue, inclusive of climate-related risks and opportunities.

(3.1.1.26) Primary response to risk

Engagement

☑ Other engagement, please specify **:**Investing in our people, processes and systems.

(3.1.1.27) Cost of response to risk

500000

(3.1.1.28) Explanation of cost calculation

The cost of the response to risk was estimated based on past and future costs of the people processes, systems, and procedures to track and meet emerging regulations and disclosure requirements.

(3.1.1.29) Description of response

We have invested in our reporting process and systems to comply with emerging regulations.

Climate change

(3.1.1.1) Risk identifier

Select from:

☑ Risk3

(3.1.1.3) Risk types and primary environmental risk driver

Acute physical

☑ Other acute physical risk, please specify **:**Increase severity and frequency of extreme weather events such as tornados and floods.

(3.1.1.4) Value chain stage where the risk occurs

Select from:

☑ Direct operations

(3.1.1.6) Country/area where the risk occurs

Select all that apply

☑ Brazil

☑ China

☑ Italy

☑ Netherlands

☑ United States of America

(3.1.1.9) Organization-specific description of risk

Tennant Company sees acute physical risks and the increased severity and frequency of extreme weather events as a potential risk that could impact our business operations and value chain. Climate change continues to drive extreme weather events, which may occur more frequently. Extreme weather events, such as tornadoes, hurricanes, typhoons, and flooding, present a global business interruption and resiliency risk to Tennant Company. These extreme weather events may occur more frequently. In 2023, the U.S. experienced 28 separate weather and climate disasters costing at least 1 billion dollars. https://www.climate.gov/news-features/blogs/beyond-data/2023-historic-year-us-billion-dollar-weather-and-climate-disasters.

Acute physical risks for facilities are defined by characteristics of their physical location, such as land height above nearby waterways/lakes, tornado, or hurricane probability. Insurance agency ratings and premiums quantify these risks. For example, our facilities in Texas and Minnesota are exposed to greater tornado risk than those in other U.S. states and countries. Our facilities in Louisville, KY, and Venice, Italy, are exposed to greater flood risk. As such, we must pay for a flood insurance rider on these facilities to mitigate the potential financial impact of a flood. With a global manufacturing model, we have production locations in Brazil, China, Italy, The Netherlands, and the USA.

(3.1.1.11) Primary financial effect of the risk

Select from:

☑ Increased direct costs

(3.1.1.12) Time horizon over which the risk is anticipated to have a substantive effect on the organization

Select all that apply

☑ Medium-term

(3.1.1.13) Likelihood of the risk having an effect within the anticipated time horizon

Select from:

☑ About as likely as not

(3.1.1.14) Magnitude

Select from:

☑ Medium

(3.1.1.16) Anticipated effect of the risk on the financial position, financial performance and cash flows of the organization in the selected future time horizons

Tennant Company sees acute physical risks and the increased severity and frequency of extreme weather events as a potential risk that could impact our business operations.

(3.1.1.17) Are you able to quantify the financial effect of the risk?

Select from:

☑ Yes

(3.1.1.21) Anticipated financial effect figure in the medium-term – minimum (currency)

100000

(3.1.1.22) Anticipated financial effect figure in the medium-term – maximum (currency)

10000000

(3.1.1.25) Explanation of financial effect figure

Tennant's property insurance carrier assesses risks by conducting site reviews and calculating potential loss based on various known factors. Depending on these factors, revenue impact could fall within the range of 100,000 to 10,000,000. All material properties, physical assets, and stock and supplies are insured, but long recovery times could drive significant revenue impact.

(3.1.1.26) Primary response to risk

Engagement

☑ Other engagement, please specify **:**Work with our insurance brokers.

(3.1.1.27) Cost of response to risk

2250000

(3.1.1.28) Explanation of cost calculation

The cost of the response to risk was estimated by evaluating potential insurance premiums and deductibles in the event of extreme weather events.

(3.1.1.29) Description of response

Tennant Company works with our insurance broker to understand and assess our risk to potential extreme weather events linked to climate change. This is integral to our annual risk assessment and the responsibility of our Environmental Health and Safety, Tax and Treasury, and Legal Departments. The Tax and Treasury Department maintains a register of properties as a checkpoint on current and appropriate types of insurance coverage.

We also manage risks by instituting robust business continuity planning. Implementing business continuity plans across the enterprise ensures we mitigate risks. Initial response and crisis management are critical success determinants in mitigating risk. For example, an extreme weather event (caused or amplified by climate change) at one of our manufacturing facilities will invoke prepared initial response actions by action owners. Tennant Company also has multiple redundant, off-site data centers to minimize the probability of business system unavailability.
[Add row]

(3.1.2) Provide the amount and proportion of your financial metrics from the reporting year that are vulnerable to the substantive effects of environmental risks.

Climate change

(3.1.2.1) Financial metric

Select from:
☑ Revenue

(3.1.2.2) Amount of financial metric vulnerable to transition risks for this environmental issue (unit currency as selected in 1.2)

68750000

(3.1.2.3) % of total financial metric vulnerable to transition risks for this environmental issue

Select from:
☑ 1-10%

(3.1.2.4) Amount of financial metric vulnerable to physical risks for this environmental issue (unit currency as selected in 1.2)

68750000

(3.1.2.5) % of total financial metric vulnerable to physical risks for this environmental issue

Select from:
☑ 1-10%

(3.1.2.7) Explanation of financial figures

We do not publicly share financial figures that are not listed in our 10-k. We selected 1-10% as the total metric vulnerable to transitional and physical risks for climate change, as we do not expect a significant impact on our products and services due to transitional or physical effects. As an estimate of the financial metric vulnerable to transition and physical risks of climate change, we used the midpoint value of 1-10% of our 2023 revenue.
[Add row]

(3.3) In the reporting year, was your organization subject to any fines, enforcement orders, and/or other penalties for water-related regulatory violations?

	Water-related regulatory violations	Comment
	Select from: ☑ No	*Tennant Company is not aware of any significant violations, fines, and/or penalties.*

[Fixed row]

(3.5.4) What is your strategy for complying with the systems you are regulated by or anticipate being regulated by?

*For systems we are regulated by, we comply by paying carbon taxes as a cost of business. Carbon taxes currently apply to some portions of our global business. We do not track carbon taxes paid separately in each country where we operate. These taxes are not always easy to identify individually; some are indirectly passed on to end-users. One example of a carbon tax directly applied to our business is The UK Climate Change Levy (CCL). The CCL is applied to electricity and natural gas used at our UK locations. In 2023, the additional approximate cost for electricity and natural gas due to CCL was 2,910 GBP (*1.2439 USD average 2023 exchange rate 3,620 USD). This cost was quantified by examining invoice detail and total energy consumption and multiplying it by the 2023 tax rates on GOV.UK (https://www.gov.uk/guidance/climate-change-levy-rates).*

For systems we anticipate being regulated by, our strategy is to continue to monitor emerging regulations around carbon market mechanisms, including carbon pricing and carbon taxes, to address the externalized costs from the use of fossil fuels. We expect this trend to continue across the global economy. The impact these emerging regulations may have on the Company is a potential increase in fossil-fuel energy costs and the emissions they generate if comprehensive carbon market mechanisms are implemented throughout the global economy. To mitigate this impact, we monitor our energy use and implement activities to reduce energy consumption and CO2 emissions. These activities include investing in energy efficiency and reduction projects and sourcing energy from renewable sources. We also partner with our utilities, facility, operation managers, and other relevant associations to keep current on potential regulations, rules, and rate changes.

(3.5.3) Complete the following table for each of the tax systems you are regulated by.

Other carbon tax, please specify

(3.5.3.1) Period start date

01/01/2023

(3.5.3.2) Period end date

12/31/2023

(3.5.3.3) % of total Scope 1 emissions covered by tax

0.16

(3.5.3.4) Total cost of tax paid

3620

(3.5.3.5) Comment

UK Climate Change Levy
[Fixed row]

(3.6) Have you identified any environmental opportunities which have had a substantive effect on your organization in the reporting year, or are anticipated to have a substantive effect on your organization in the future?

	Environmental opportunities identified
Climate change	*Select from:* ☑ Yes, we have identified opportunities, and some/all are being realized
Water	*Select from:* ☑ Yes, we have identified opportunities, and some/all are being realized

[Fixed row]

(3.6.1) Provide details of the environmental opportunities identified which have had a substantive effect on your organization in the reporting year, or are anticipated to have a substantive effect on your organization in the future.

Climate change

(3.6.1.1) Opportunity identifier

Select from:

☑ Opp1

(3.6.1.3) Opportunity type and primary environmental opportunity driver

Energy source

☑ Other energy source opportunity, please specify **:**Use of lower-emission sources of energy

(3.6.1.4) Value chain stage where the opportunity occurs

Select from:

☑ Upstream value chain

(3.6.1.5) Country/area where the opportunity occurs

Select all that apply

☑ Italy
☑ Brazil
☑ Canada
☑ France
☑ Norway
☑ Germany
☑ Netherlands
☑ United States of America
☑ United Kingdom of Great Britain and Northern Ireland

(3.6.1.8) Organization specific description

Tennant Company recognizes our unique opportunity and responsibility to drive position change while creating sustainable value for our business, customers, and society. A specific opportunity is to use renewable and lower-emissions energy sources to reduce our direct operating costs and greenhouse gas emissions. In 2023,

we continued our commitment to renewable energy by purchasing Guarantees of Origin (GOs) and Renewable Energy Credits (RECs) for electricity consumption at multiple facilities in North American and Europe.

Additionally, we invested in an on-site renewable energy project at our manufacturing plant in Limeira, Brazil. In May 2022, 165 solar panels were installed and produced over 25,000 kWh of energy in 2022. The solar panels are estimated to save 21,000 annually on electricity costs. This project also reduced the factory's Scope 2 emissions by more than 70%. 2023 was the first full year of production and the solar panels produced over 92,000 kWh of energy. Overall, the project has an estimated three- and half-year return on investment and is an essential first step in reducing GHG emissions from our operations. Solar panels at our five manufacturing plants in Italy will be active at the end of 2024 and beginning of 2025. Tennant's total renewable energy purchased and produced represents 18,834 MWh, or about 92% of all electricity consumed across the Company in 2023. These purchases are reflected in our reported market-based emissions.

(3.6.1.9) Primary financial effect of the opportunity

Select from:

☑ Reduced direct costs

(3.6.1.10) Time horizon over which the opportunity is anticipated to have a substantive effect on the organization

Select all that apply

☑ Medium-term

(3.6.1.11) Likelihood of the opportunity having an effect within the anticipated time horizon

Select from:

☑ Very likely (90–100%)

(3.6.1.12) Magnitude

Select from:

☑ Medium-high

(3.6.1.14) Anticipated effect of the opportunity on the financial position, financial performance and cash flows of the organization in the selected future time horizons

The opportunity is very likely to have a positive effect on the Company in the medium-term resulting from reduced direct costs related to the purchasing and consumption of electricity.

Specific to climate-related risks and opportunities, a substantive strategic impact is defined and established through our materiality process. In 2022, we completed an updated materiality assessment as part of a refresh of our sustainability strategy. We incorporated the concept of double materiality, which means we evaluated the potential impact of environmental and social issues on the financial performance and value of Tennant (financial materiality or "impact inwards"), and also the impact of Tennant's activities on people and the environment (environmental & social materiality or "impact outwards"). The results of the materiality assessment and a complete list of the issues with a substantive strategic impact can be found in our 2024 (FY23) Sustainability Report: https://investors.tennantco.com/reports/sustainability-report/default.aspx.

Specific to overall risks and opportunities, a substantive financial impact is any activity or event that affects our profitability or financial position by more than 1-10%. This threshold is used in our long-range planning and budgeting processes to determine the risks and opportunities the business will pursue, inclusive of climate-related risks and opportunities.

More broadly, our finance and internal audit departments develop materiality, substantive financial impact, and deficiency reporting thresholds annually. These thresholds are reviewed and approved annually by the Audit Committee of the Board of Directors in February. A substantive financial impact is then included as a criterion when rating enterprise risks in our annual enterprise risk assessment (ERA) survey. Enterprise risks are included in the yearly ERA survey from the cross-functionally identified Risk Universe. As mentioned, each enterprise risk is evaluated using a methodology that evaluates impact (financial, reputational, and operational loss), the overall likelihood of that risk occurring, and our management preparedness.

(3.6.1.15) Are you able to quantify the financial effects of the opportunity?

Select from:

☑ Yes

(3.6.1.19) Anticipated financial effect figure in the medium-term - minimum (currency)

100000

(3.6.1.20) Anticipated financial effect figure in the medium-term - maximum (currency)

10000000

(3.6.1.23) Explanation of financial effect figures

From a magnitude standpoint, investing in renewable and lower-emission energy sources and the subsequent savings in operating costs and reduction of greenhouse gas emissions meets our definition of substantive financial impact.

Specific to climate-related risks and opportunities, a substantive strategic impact is defined and established through our materiality process. In 2022, we completed an updated materiality assessment as part of a refresh of our sustainability strategy. We incorporated the concept of double materiality, which means we evaluated the potential impact of environmental and social issues on the financial performance and value of Tennant (financial materiality or "impact inwards"), and also the impact

of Tennant's activities on people and the environment (environmental & social materiality or "impact outwards"). The results of the materiality assessment and a complete list of the issues with a substantive strategic impact can be found in our 2024 (FY23) Sustainability Report: https://investors.tennantco.com/reports/sustainability-report/default.aspx.

Specific to overall risks and opportunities, a substantive financial impact is any activity or event that affects our profitability or financial position by more than 1-10%. This threshold is used in our long-range planning and budgeting processes to determine the risks and opportunities the business will pursue, inclusive of climate-related risks and opportunities.

More broadly, our finance and internal audit departments develop materiality, substantive financial impact, and deficiency reporting thresholds annually. These thresholds are reviewed and approved annually by the Audit Committee of the Board of Directors in February. A substantive financial impact is then included as a criterion when rating enterprise risks in our annual enterprise risk assessment (ERA) survey. Enterprise risks are included in the yearly ERA survey from the cross-functionally identified Risk Universe. As mentioned, each enterprise risk is evaluated using a methodology that evaluates impact (financial, reputational, and operational loss), the overall likelihood of that risk occurring, and our management preparedness.

(3.6.1.24) Cost to realize opportunity

44000

(3.6.1.25) Explanation of cost calculation

The cost to realize the opportunity includes the total cost of our 2023 Guarantees of Origin (GOs) and Renewable Energy Credits (RECs).

(3.6.1.26) Strategy to realize opportunity

Tennant Company's strategy to realize this opportunity is to continue investing in renewable and lower-emission energy sources. We will be developing an organization- wide renewable energy procurement strategy as part of our new sustainability strategic framework and commitment to net-zero by 2040.

Water

(3.6.1.1) Opportunity identifier

Select from:

☑ Opp2

(3.6.1.3) Opportunity type and primary environmental opportunity driver

Products and services

☑ Development of new products or services through R&D and innovation

(3.6.1.4) Value chain stage where the opportunity occurs

Select from:

☑ Downstream value chain

(3.6.1.5) Country/area where the opportunity occurs

Select all that apply

☑ Italy

☑ United States of America

(3.6.1.6) River basin where the opportunity occurs

Select all that apply

☑ Other, please specify **:**Product development occurs at our sites in the US and Italy. The innovations and product developments are available anywhere we sell our products.

(3.6.1.8) Organization specific description

Eco-mode, adjustable solution flow, and ec-H2O NanoClean technology are our innovations that reduce water and chemical usage during the cleaning process. By continuing to drive innovations into our operations and products, we can reduce our water footprint and help our customers reduce their water impacts.

(3.6.1.9) Primary financial effect of the opportunity

Select from:

☑ Increased revenues resulting from increased demand for products and services

(3.6.1.10) Time horizon over which the opportunity is anticipated to have a substantive effect on the organization

Select all that apply

☑ The opportunity has already had a substantive effect on our organization in the reporting year

(3.6.1.12) Magnitude

Select from:

☑ Unknown

(3.6.1.13) Effect of the opportunity on the financial position, financial performance and cash flows of the organization in the reporting period

The opportunity has already had a substantive positive effect on the Company in 2023 resulting from increased revenue due to increased demand for this product.

Specific to climate-related risks and opportunities, a substantive strategic impact is defined and established through our materiality process. In 2022, we completed an updated materiality assessment as part of a refresh of our sustainability strategy. We incorporated the concept of double materiality, which means we evaluated the potential impact of environmental and social issues on the financial performance and value of Tennant (financial materiality or "impact inwards"), and also the impact of Tennant's activities on people and the environment (environmental & social materiality or "impact outwards"). The results of the materiality assessment and a complete list of the issues with a substantive strategic impact can be found in our 2024 (FY23) Sustainability Report: https://investors.tennantco.com/reports/sustainability-report/default.aspx.

Specific to overall risks and opportunities, a substantive financial impact is any activity or event that affects our profitability or financial position by more than 1-10%. This threshold is used in our long-range planning and budgeting processes to determine the risks and opportunities the business will pursue, inclusive of climate-related risks and opportunities.

More broadly, our finance and internal audit departments develop materiality, substantive financial impact, and deficiency reporting thresholds annually. These thresholds are reviewed and approved annually by the Audit Committee of the Board of Directors in February. A substantive financial impact is then included as a criterion when rating enterprise risks in our annual enterprise risk assessment (ERA) survey. Enterprise risks are included in the yearly ERA survey from the cross-functionally identified Risk Universe. As mentioned, each enterprise risk is evaluated using a methodology that evaluates impact (financial, reputational, and operational loss), the overall likelihood of that risk occurring, and our management preparedness.

(3.6.1.15) Are you able to quantify the financial effects of the opportunity?

Select from:

☑ No

(3.6.1.24) Cost to realize opportunity

0

(3.6.1.25) Explanation of cost calculation

N/A

(3.6.1.26) Strategy to realize opportunity

By continuing to drive innovations into our operations and products, we can reduce our water footprint and help our customers reduce their water impacts.

Climate change

(3.6.1.1) Opportunity identifier

Select from:

☑ Opp3

(3.6.1.3) Opportunity type and primary environmental opportunity driver

Markets

☑ Expansion into new markets

(3.6.1.4) Value chain stage where the opportunity occurs

Select from:

☑ Downstream value chain

(3.6.1.5) Country/area where the opportunity occurs

Select all that apply

☑ Spain

☑ Brazil

☑ Canada

☑ Mexico

☑ Australia

☑ United States of America

(3.6.1.8) Organization specific description

Circularity in products addresses the entire lifecycle of a product, from part creation to the end of life. At Tennant Company, we design our products with an enhanced focus on durability and quality, and they are built to have more than one life.

Our RECON program has offered our customers reconditioned equipment for over a decade. This program helps to close the loop on the lifecycle of our products and contributes to a circular, versus the traditional linear, economic model. Reconditioning starts with a used machine returning to Tennant through a buy-back or trade-in program. The machine is assessed and rated based on its condition and will either be cleaned and repaired for resale or dismantled for recycling as applicable by Tennant Company or a local scrap vendor. We recondition machines deemed appropriate to three different tiers: Certified Pre-owned, Used, and As-is.

Each tier requires a different level of reconditioning, and the 'newness' and quality of the resulting product will depend on the tier. RECON machines have been assessed and deemed appropriate for reconditioning, are thoroughly inspected, and components with excessive wear are replaced. After the machine returns to a high quality and functional state, it goes through an exterior restoration where many machines emerge looking brand new. Finally, the machines undergo a comprehensive quality check and are delivered to the customer with labor and parts warranties appropriate to their reconditioning tier.

(3.6.1.9) Primary financial effect of the opportunity

Select from:

☑ Increased revenues through access to new and emerging markets

(3.6.1.10) Time horizon over which the opportunity is anticipated to have a substantive effect on the organization

Select all that apply

☑ Short-term

(3.6.1.11) Likelihood of the opportunity having an effect within the anticipated time horizon

Select from:

☑ Very likely (90–100%)

(3.6.1.12) Magnitude

Select from:

☑ Medium

(3.6.1.14) Anticipated effect of the opportunity on the financial position, financial performance and cash flows of the organization in the selected future time horizons

The opportunity is very likely to have a positive effect on the Company in the near-term resulting from increased revenues through access to new and emerging markets.

Specific to climate-related risks and opportunities, a substantive strategic impact is defined and established through our materiality process. In 2022, we completed an updated materiality assessment as part of a refresh of our sustainability strategy. We incorporated the concept of double materiality, which means we evaluated the potential impact of environmental and social issues on the financial performance and value of Tennant (financial materiality or "impact inwards"), and also the impact of Tennant's activities on people and the environment (environmental & social materiality or "impact outwards"). The results of the materiality assessment and a complete list of the issues with a substantive strategic impact can be found in our 2024 (FY23) Sustainability Report: https://investors.tennantco.com/reports/sustainability-report/default.aspx.

Specific to overall risks and opportunities, a substantive financial impact is any activity or event that affects our profitability or financial position by more than 1-10%. This threshold is used in our long-range planning and budgeting processes to determine the risks and opportunities the business will pursue, inclusive of climate-related risks and opportunities.

More broadly, our finance and internal audit departments develop materiality, substantive financial impact, and deficiency reporting thresholds annually. These thresholds are reviewed and approved annually by the Audit Committee of the Board of Directors in February. A substantive financial impact is then included as a criterion when rating enterprise risks in our annual enterprise risk assessment (ERA) survey. Enterprise risks are included in the yearly ERA survey from the cross-functionally identified Risk Universe. As mentioned, each enterprise risk is evaluated using a methodology that evaluates impact (financial, reputational, and operational loss), the overall likelihood of that risk occurring, and our management preparedness.

(3.6.1.15) Are you able to quantify the financial effects of the opportunity?

Select from:

☑ Yes

(3.6.1.17) Anticipated financial effect figure in the short-term - minimum (currency)

100000

(3.6.1.18) Anticipated financial effect figure in the short-term – maximum (currency)

10000000

(3.6.1.23) Explanation of financial effect figures

We do not publicly share the financial performance of specific products. However, from a magnitude standpoint, current and potential future revenue from RECON products meets our definition of substantive financial impact.

Specific to climate-related risks and opportunities, a substantive strategic impact is defined and established through our materiality process. In 2022, we completed an updated materiality assessment as part of a refresh of our sustainability strategy. We incorporated the concept of double materiality, which means we evaluated the potential impact of environmental and social issues on the financial performance and value of Tennant (financial materiality or "impact inwards"), and also the impact of Tennant's activities on people and the environment (environmental & social materiality or "impact outwards"). The results of the materiality assessment and a complete list of the issues with a substantive strategic impact can be found in our 2024 (FY23) Sustainability Report: https://investors.tennantco.com/reports/sustainability-report/default.aspx.

Specific to overall risks and opportunities, a substantive financial impact is any activity or event that affects our profitability or financial position by more than 1-10%. This threshold is used in our long-range planning and budgeting processes to determine the risks and opportunities the business will pursue, inclusive of climate-related risks and opportunities.

More broadly, our finance and internal audit departments develop materiality, substantive financial impact, and deficiency reporting thresholds annually. These thresholds are reviewed and approved annually by the Audit Committee of the Board of Directors in February. A substantive financial impact is then included as a criterion when rating enterprise risks in our annual enterprise risk assessment (ERA) survey. Enterprise risks are included in the yearly ERA survey from the cross-functionally identified Risk Universe. As mentioned, each enterprise risk is evaluated using a methodology that evaluates impact (financial, reputational, and operational loss), the overall likelihood of that risk occurring, and our management preparedness.

(3.6.1.24) Cost to realize opportunity

26000000

(3.6.1.25) Explanation of cost calculation

The cost to realize the opportunity is an estimated value based on the 2023 total cost of RECON goods sold and operating expenses.

(3.6.1.26) Strategy to realize opportunity

In the US, it became evident that we needed to take advantage of the opportunity to capture the resell market because non-associated third parties were buying old Tennant machines and refurbishing them, which had a negative impact on our brand.

We decided to start a more focused reconditioning effort in North America, based on the success observed in different regions of the Company, and to take back the brand's integrity. The RECON business allows new customers to purchase Tennant equipment at a certified pre-owned, used, or as-is level, opening up Tennant to a new market of customers previously priced out because our products are generally priced higher than our competitors' products. This is due to our dedication to quality, innovation, and continued investment in research, technology, and product development. Our RECON business enables us to strategically purchase used machines from the market that would otherwise be disposed of, presumably in landfills, and refurbish them to provide them an extended life with a second owner.

We have reconditioning teams, resources, and facilities in Toronto, ON, Canada; Minneapolis, MN, USA; Dallas, TX, USA; Zaragoza, Spain; Limeira, Brazil; Aguascalientes, Mexico; and Sydney, Australia.

The cost to realize the opportunity is as estimated value based on the 2023 total cost of RECON goods sold and operating expenses.

Climate change

(3.6.1.1) Opportunity identifier

Select from:

☑ Opp4

(3.6.1.3) Opportunity type and primary environmental opportunity driver

Products and services

☑ Development of new products or services through R&D and innovation

(3.6.1.4) Value chain stage where the opportunity occurs

Select from:

☑ Downstream value chain

(3.6.1.5) Country/area where the opportunity occurs

Select all that apply

☑ Italy

☑ United States of America

(3.6.1.6) River basin where the opportunity occurs

Select all that apply

☑ Other, please specify **:**Product development occurs at our sites in the US and Italy. The innovations and product developments are available anywhere we sell our products.

(3.6.1.8) Organization specific description

Tennant Company designs, manufactures, sells, and services mechanized floor cleaning equipment to customers worldwide. Growing global awareness of climate change drives demand for reduced- and low-carbon products, leading to greater engagement from investors, suppliers, and customers in our sustainability and ESG initiatives. The increased customer demand for more efficient products that reduce customer costs and carbon emissions, presents an opportunity for the Company to increase revenue by capitalizing on the increasing demand for our reduced- and lower-emissions products.

Sustainability is integral to our product development process, ensuring we design durable, high-quality products with measurable environmental impact improvements. Our engineering and product development teams incorporate sustainability strategy and target-setting in their work, focusing on customer needs, emerging technologies, and macro trends. This approach enables agile decision-making, delivering better outcomes and more value to both customers and our business.

Our eco-advantaged products help customers save money, increase efficiency, reduce emissions, and meet sustainability goals. These products feature electric and battery-powered options, and therefore have fewer emissions than their internal combustion counterparts. Additionally, our ecH2O NanoClean technology reduces water usage and enables detergent-free cleaning, further supporting customers' environmental objectives.

(3.6.1.9) Primary financial effect of the opportunity

Select from:

☑ Increased revenues resulting from increased demand for products and services

(3.6.1.10) Time horizon over which the opportunity is anticipated to have a substantive effect on the organization

Select all that apply

☑ Short-term

(3.6.1.11) Likelihood of the opportunity having an effect within the anticipated time horizon

Select from:

☑ Likely (66–100%)

(3.6.1.12) Magnitude

Select from:

☑ Medium

(3.6.1.14) Anticipated effect of the opportunity on the financial position, financial performance and cash flows of the organization in the selected future time horizons

The opportunity is likely to have a positive effect on the Company in the near-term resulting from increased revenues through access to new and emerging markets.

Specific to climate-related risks and opportunities, a substantive strategic impact is defined and established through our materiality process. In 2022, we completed an updated materiality assessment as part of a refresh of our sustainability strategy. We incorporated the concept of double materiality, which means we evaluated the potential impact of environmental and social issues on the financial performance and value of Tennant (financial materiality or "impact inwards"), and also the impact of Tennant's activities on people and the environment (environmental & social materiality or "impact outwards"). The results of the materiality assessment and a complete list of the issues with a substantive strategic impact can be found in our 2024 (FY23) Sustainability Report: https://investors.tennantco.com/reports/sustainability-report/default.aspx.

Specific to overall risks and opportunities, a substantive financial impact is any activity or event that affects our profitability or financial position by more than 1-10%. This threshold is used in our long-range planning and budgeting processes to determine the risks and opportunities the business will pursue, inclusive of climate-related risks and opportunities.

More broadly, our finance and internal audit departments develop materiality, substantive financial impact, and deficiency reporting thresholds annually. These thresholds are reviewed and approved annually by the Audit Committee of the Board of Directors in February. A substantive financial impact is then included as a criterion when rating enterprise risks in our annual enterprise risk assessment (ERA) survey. Enterprise risks are included in the yearly ERA survey from the cross-functionally identified Risk Universe. As mentioned, each enterprise risk is evaluated using a methodology that evaluates impact (financial, reputational, and operational loss), the overall likelihood of that risk occurring, and our management preparedness.

(3.6.1.15) Are you able to quantify the financial effects of the opportunity?

Select from:

☑ Yes

(3.6.1.17) Anticipated financial effect figure in the short-term - minimum (currency)

100000

(3.6.1.18) Anticipated financial effect figure in the short-term – maximum (currency)

10000000

(3.6.1.23) Explanation of financial effect figures

Tennant Company offers a variety of eco-advantaged products to help our customers address labor challenges, drive efficiencies, and maintain a high standard of cleaning while safely working alongside employees, customers, and guests. The cost to realize the opportunity is the total cost for all research and development expenses for 2023 and was applied across various initiatives. Project-level investment is confidential information. We do not publicly share the financial performance of specific products. However, from a magnitude standpoint, selling eco-advantaged products meets our definition of substantive financial impact.

Specific to climate-related risks and opportunities, a substantive strategic impact is defined and established through our materiality process. In 2022, we completed an updated materiality assessment as part of a refresh of our sustainability strategy. We incorporated the concept of double materiality, which means we evaluated the potential impact of environmental and social issues on the financial performance and value of Tennant (financial materiality or "impact inwards"), and also the impact of Tennant's activities on people and the environment (environmental & social materiality or "impact outwards"). The results of the materiality assessment and a complete list of the issues with a substantive strategic impact can be found in our 2024 (FY23) Sustainability Report: https://investors.tennantco.com/reports/sustainability-report/default.aspx.

Specific to overall risks and opportunities, a substantive financial impact is any activity or event that affects our profitability or financial position by more than 1-10%. This threshold is used in our long-range planning and budgeting processes to determine the risks and opportunities the business will pursue, inclusive of climate-related risks and opportunities.

More broadly, our finance and internal audit departments develop materiality, substantive financial impact, and deficiency reporting thresholds annually. These thresholds are reviewed and approved annually by the Audit Committee of the Board of Directors in February. A substantive financial impact is then included as a criterion when rating enterprise risks in our annual enterprise risk assessment (ERA) survey. Enterprise risks are included in the yearly ERA survey from the cross-functionally identified Risk Universe. As mentioned, each enterprise risk is evaluated using a methodology that evaluates impact (financial, reputation

(3.6.1.24) Cost to realize opportunity

36600000

(3.6.1.25) Explanation of cost calculation

The cost to realize the opportunity is the total cost for all research and development expenses for 2023 and was applied across various initiatives. Project-level investment is confidential information.

(3.6.1.26) Strategy to realize opportunity

We make significant R&D investments yearly, and our annual investment is approximately 3% of sales. We manage the opportunity associated with developing and expanding lower emissions products and services through our R&D investment and by embedding sustainability into our new product design (NPD) process.

Tennant Company's strategy to realize this opportunity is to actively and directly engage with our customers. We determine their evolving needs and expectations while considering micro and macro societal/market trends. We are working with our customers to simplify their operations while lowering their cleaning costs and reducing the emissions of their cleaning process. Having direct Sales and Service personnel in the field, in both developing and developed economies, and leveraging primary and secondary research helps this process immensely.

Engaging with customers enables Tennant Company to develop industry-leading products and services and continuously develop innovative sustainable solutions for customer facilities. To accomplish this, the Sustainability Innovation Manager works directly with the Global Engineering teams during the design of new products to

identify sustainability targets for new products. Our engineering and product development teams are committed to holding sustainability strategy and target-setting discussions during the design process of new products. Designing sustainable and durable products is among the top sustainability priorities for the Company.

We use internal resources to help manage environmental programs and partnerships that benefit our customers and shareholders. Additionally, we create and distribute materials to help sell products with favorable environmental attributes. For example, Tennant Company has a brochure outlining the environmental attributes of various products and technologies: https://www.tennantco.com/content/dam/resources/web-content/sustainability/environmental-brochure-en-noam.pdf. [Add row]

(3.6.2) Provide the amount and proportion of your financial metrics in the reporting year that are aligned with the substantive effects of environmental opportunities.

Climate change

(3.6.2.1) Financial metric

Select from:

☑ Revenue

(3.6.2.2) Amount of financial metric aligned with opportunities for this environmental issue (unit currency as selected in 1.2)

68750000

(3.6.2.3) % of total financial metric aligned with opportunities for this environmental issue

Select from:

☑ 1-10%

(3.6.2.4) Explanation of financial figures

We do not publicly share financial figures that are not listed in our 10-k. We selected 1-10% as the total metric aligned with opportunities for climate change. As an estimate of the financial metric of the opportunities for climate change, we used the midpoint value of 1-10% of our 2023 revenue.

Water

(3.6.2.1) Financial metric

Select from:

☑ Revenue

(3.6.2.2) Amount of financial metric aligned with opportunities for this environmental issue (unit currency as selected in 1.2)

68750000

(3.6.2.3) % of total financial metric aligned with opportunities for this environmental issue

Select from:

☑ 1-10%

(3.6.2.4) Explanation of financial figures

We do not publicly share financial figures that are not listed in our 10-k. We selected 1-10% as the total metric aligned with opportunities for water. As an estimate of the financial metric of the opportunities for water, we used the midpoint value of 1-10% of our 2023 revenue.
[Add row]

C4. Governance

(4.1) Does your organization have a board of directors or an equivalent governing body?

(4.1.1) Board of directors or equivalent governing body

Select from:

☑ Yes

(4.1.2) Frequency with which the board or equivalent meets

Select from:

☑ Quarterly

(4.1.3) Types of directors your board or equivalent is comprised of

Select all that apply

☑ Executive directors or equivalent

☑ Independent non-executive directors or equivalent

(4.1.4) Board diversity and inclusion policy

Select from:

☑ No

[Fixed row]

(4.1.1) Is there board-level oversight of environmental issues within your organization?

	Board-level oversight of this environmental issue
Climate change	*Select from:* ☑ Yes
Water	*Select from:* ☑ Yes
Biodiversity	*Select from:* ☑ Yes

[Fixed row]

(4.1.2) Identify the positions (do not include any names) of the individuals or committees on the board with accountability for environmental issues and provide details of the board's oversight of environmental issues.

Climate change

(4.1.2.1) Positions of individuals or committees with accountability for this environmental issue

Select all that apply

☑ Board-level committee

(4.1.2.2) Positions' accountability for this environmental issue is outlined in policies applicable to the board

Select from:

☑ Yes

(4.1.2.3) Policies which outline the positions' accountability for this environmental issue

Select all that apply

☑ Individual role descriptions

☑ Other policy applicable to the board, please specify :Charter of Governance Committee - https://s29.q4cdn.com/776944512/files/doc_downloads/gov_docs/Governance-Committee-Charter-rev-10.15.20.pdf

(4.1.2.4) Frequency with which this environmental issue is a scheduled agenda item

Select from:

☑ Scheduled agenda item in some board meetings – at least annually

(4.1.2.5) Governance mechanisms into which this environmental issue is integrated

Select all that apply

☑ Overseeing the setting of corporate targets

☑ Monitoring progress towards corporate targets

☑ Approving corporate policies and/or commitments

☑ Reviewing and guiding innovation/R&D priorities

☑ Monitoring the implementation of the business strategy

☑ Overseeing reporting, audit, and verification processes

☑ Overseeing and guiding the development of a business strategy

☑ Overseeing and guiding acquisitions, mergers, and divestitures

☑ Monitoring compliance with corporate policies and/or commitments

☑ Reviewing and guiding the assessment process for dependencies, impacts, risks, and opportunities

(4.1.2.7) Please explain

In 2023, we initiated the integration of our Thriving People. Healthy Planet. sustainability framework, including enhancing and expanding our sustainability & ESG governance structure to ensure cross-functional management support.

Climate-related issues are within the scope of responsibility of Tennant Company's Board of Directors Governance Committee. The Governance Committee charter includes oversight of the Company's sustainability programs, policies, and practices, including environmental, social, and corporate governance (ESG). The Governance Committee charter is publicly available on our investor website: https://investors.tennantco.com/governance/governance-documents/default.aspx. The Tennant Company Board of Directors appoints the Audit Committee and Governance Committee members, two of the four committees that comprise the Board. The Audit Committee assists the Board's oversight of the Company's compliance with current and emerging legal and regulatory requirements. The Governance Committee assists with identifying qualified candidates to serve on the Board, the composition of the Board and its committees, and developing and recommending to the Board the Company's governance principles and practices. The Committee also oversees the Company's activation of our Thriving People. Healthy Planet.

framework, including the programs, policies, and practices under the six impact areas and other environmental, social, and corporate governance (ESG) topics. The framework is centered on two pillars: Thriving People and Healthy Planet. and encompasses six impact areas where we know we can create change – because our business cannot be successful without a healthy planet and thriving people. The six impact areas are tied to workstreams, and include: employee success, social impact, shared spaces, climate & energy, water & chemical use, and circular products & waste.

This committee is also responsible for reviewing the annual Sustainability Report. The Governance Committee completed its review of the 2024 (FY23) Sustainability Report in July 2024.

The Governance Committee meets four times per year. One meeting is dedicated to an annual update from the Senior Director of Sustainability & ESG on progress toward targets as outlined in the Thriving People. Healthy Planet. progress report. However, there is always the potential for additional meetings to discuss pressing matters as they arise.

In 2023, the Director of Sustainability & ESG presented to the Governance Committee two times. The topics covered included sharing the results of the new materiality assessment, reviewing the new sustainability strategy framework, net-zero analysis, and criteria for the Science Based Target initiative's corporate net-zero standard.

Water

(4.1.2.1) Positions of individuals or committees with accountability for this environmental issue

Select all that apply

☑ Board-level committee

(4.1.2.2) Positions' accountability for this environmental issue is outlined in policies applicable to the board

Select from:

☑ Yes

(4.1.2.3) Policies which outline the positions' accountability for this environmental issue

Select all that apply

☑ Individual role descriptions

☑ Other policy applicable to the board, please specify **:**Charter of Governance Committee - https://s29.q4cdn.com/776944512/files/doc_downloads/gov_docs/Governance-Committee-Charter-rev-10.15.20.pdf

(4.1.2.4) Frequency with which this environmental issue is a scheduled agenda item

Select from:

☑ Scheduled agenda item in some board meetings – at least annually

(4.1.2.5) Governance mechanisms into which this environmental issue is integrated

Select all that apply

☑ Overseeing the setting of corporate targets

☑ Monitoring progress towards corporate targets

☑ Approving corporate policies and/or commitments

☑ Monitoring the implementation of the business strategy

☑ Overseeing and guiding the development of a business strategy

☑ Monitoring compliance with corporate policies and/or commitments

(4.1.2.7) Please explain

In 2023, we initiated the integration of our Thriving People. Healthy Planet. sustainability framework, including enhancing and expanding our sustainability & ESG governance structure to ensure cross-functional management support.

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Biodiversity

(4.1.2.1) Positions of individuals or committees with accountability for this environmental issue

Select all that apply

☑ Board-level committee

(4.1.2.2) Positions' accountability for this environmental issue is outlined in policies applicable to the board

Select from:

☑ Yes

(4.1.2.3) Policies which outline the positions' accountability for this environmental issue

Select all that apply

☑ Individual role descriptions

☑ Other policy applicable to the board, please specify **:**Charter of Governance Committee - https://s29.q4cdn.com/776944512/files/doc_downloads/gov_docs/Governance-Committee-Charter-rev-10.15.20.pdf

(4.1.2.4) Frequency with which this environmental issue is a scheduled agenda item

Select from:

☑ Scheduled agenda item in some board meetings – at least annually

(4.1.2.5) Governance mechanisms into which this environmental issue is integrated

Select all that apply

☑ Overseeing the setting of corporate targets

☑ Monitoring progress towards corporate targets

☑ Approving corporate policies and/or commitments

☑ Monitoring compliance with corporate policies and/or commitments

☑ Monitoring the implementation of the business strategy

☑ Overseeing and guiding the development of a business strategy

(4.1.2.7) Please explain

In 2023, we initiated the integration of our Thriving People. Healthy Planet. sustainability framework, including enhancing and expanding our sustainability & ESG governance structure to ensure cross-functional management support.

Climate-related issues are within the scope of responsibility of Tennant Company's Board of Directors Governance Committee. The Governance Committee charter includes oversight of the Company's sustainability programs, policies, and practices, including environmental, social, and corporate governance (ESG). The Governance Committee charter is publicly available on our investor website: https://investors.tennantco.com/governance/governance-documents/default.aspx. The Tennant Company Board of Directors appoints the Audit Committee and Governance Committee members, two of the four committees that comprise the Board. The Audit Committee assists the Board's oversight of the Company's compliance with current and emerging legal and regulatory requirements. The Governance Committee assists with identifying qualified candidates to serve on the Board, the composition of the Board and its committees, and developing and recommending to the Board the Company's governance principles and practices. The Committee also oversees the Company's activation of our Thriving People. Healthy Planet. framework, including the programs, policies, and practices under the six impact areas and other environmental, social, and corporate governance (ESG) topics. The framework is centered on two pillars: Thriving People and Healthy Planet. and encompasses six impact areas where we know we can create change – because our business cannot be successful without a healthy planet and thriving people. The six impact areas are tied to workstreams, and include: employee success, social impact, shared spaces, climate & energy, water & chemical use, and circular products & waste.

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[Fixed row]

(4.2) Does your organization's board have competency on environmental issues?

Climate change

(4.2.1) Board-level competency on this environmental issue

Select from:

☑ Yes

(4.2.2) Mechanisms to maintain an environmentally competent board

Select all that apply

☑ Consulting regularly with an internal, permanent, subject-expert working group

Water

(4.2.1) Board-level competency on this environmental issue

Select from:

☑ Yes

(4.2.2) Mechanisms to maintain an environmentally competent board

Select all that apply

☑ Consulting regularly with an internal, permanent, subject-expert working group

[Fixed row]

(4.3) Is there management-level responsibility for environmental issues within your organization?

	Management-level responsibility for this environmental issue
Climate change	*Select from:* ☑ Yes

	Management-level responsibility for this environmental issue
Water	*Select from:* ☑ Yes
Biodiversity	*Select from:* ☑ Yes

[Fixed row]

(4.3.1) Provide the highest senior management-level positions or committees with responsibility for environmental issues (do not include the names of individuals).

Climate change

(4.3.1.1) Position of individual or committee with responsibility

Other

☑ Other, please specify **:**Full Executive C-Suite team - https://investors.tennantco.com/governance/executive-management/default.aspx

(4.3.1.2) Environmental responsibilities of this position

Dependencies, impacts, risks and opportunities

☑ Assessing environmental dependencies, impacts, risks, and opportunities

☑ Assessing future trends in environmental dependencies, impacts, risks, and opportunities

Policies, commitments, and targets

☑ Monitoring compliance with corporate environmental policies and/or commitments

☑ Measuring progress towards environmental corporate targets

☑ Measuring progress towards environmental science-based targets

☑ Setting corporate environmental policies and/or commitments
☑ Setting corporate environmental targets

Strategy and financial planning
☑ Developing a business strategy which considers environmental issues
☑ Implementing the business strategy related to environmental issues
☑ Managing acquisitions, mergers, and divestitures related to environmental issues
☑ Managing environmental reporting, audit, and verification processes
☑ Managing priorities related to innovation/low-environmental impact products or services (including R&D)

(4.3.1.4) Reporting line

Select from:
☑ Reports to the board directly

(4.3.1.5) Frequency of reporting to the board on environmental issues

Select from:
☑ Quarterly

(4.3.1.6) Please explain

In 2023, the Director of Sustainability & ESG reported directly to the Senior Vice President, General Counsel & Corporate Secretary who reports directly to the President and CEO and the Board of Directors.

As such, the SVP General Counsel oversaw Tennant Company's sustainability and ESG program and is the most senior individual with direct oversight of climate-related activities. This oversight includes meeting regularly with the Director of Sustainability & ESG, advocating for action toward climate-related objectives and goals across the company, and being responsible for the Sustainability team's performance. The SVP General Counsel has the authority, influence, and resources to act on climate-related risks and opportunities in alignment with our corporate strategy and goals.

With the Director of Sustainability & ESG reporting directly to the C-Suite, the organization understands the importance of our sustainability and ESG commitments, including our greenhouse gas (GHG) reduction goals. The Senior Management Team (SMT), which consists of the company's C-Suite leaders, is responsible for enterprise performance and strategy, including sustainability and ESG initiatives; this includes climate-related initiatives. This group assigns enterprise accountability and allocates resources to implement sustainability and ESG strategies.

The Director of Sustainability & ESG oversees the Sustainability team, which is responsible for helping define the enterprise sustainability and ESG agenda, prioritizing issues, and driving impact. The team provides dedicated oversight of strategy, initiatives, and goals. The team collaborates with stakeholders to enable enterprise integration and progress.

Water

(4.3.1.1) Position of individual or committee with responsibility

Other

☑ Other, please specify **:**Full Executive C-Suite team - https://investors.tennantco.com/governance/executive-management/default.aspx

(4.3.1.2) Environmental responsibilities of this position

Dependencies, impacts, risks and opportunities

☑ Assessing environmental dependencies, impacts, risks, and opportunities

Policies, commitments, and targets

☑ Monitoring compliance with corporate environmental policies and/or commitments

☑ Measuring progress towards environmental corporate targets

☑ Measuring progress towards environmental science-based targets

☑ Setting corporate environmental policies and/or commitments

☑ Setting corporate environmental targets

Strategy and financial planning

☑ Developing a business strategy which considers environmental issues

☑ Implementing the business strategy related to environmental issues

☑ Managing acquisitions, mergers, and divestitures related to environmental issues

☑ Managing environmental reporting, audit, and verification processes

☑ Managing priorities related to innovation/low-environmental impact products or services (including R&D)

(4.3.1.4) Reporting line

Select from:

☑ Reports to the board directly

(4.3.1.5) Frequency of reporting to the board on environmental issues

Select from:

☑ Quarterly

(4.3.1.6) Please explain

In 2023, the Director of Sustainability & ESG reported directly to the Senior Vice President, General Counsel & Corporate Secretary who reports directly to the President and CEO and the Board of Directors.

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Biodiversity

(4.3.1.1) Position of individual or committee with responsibility

Other

☑ Other, please specify **:**Full Executive C-Suite team - https://investors.tennantco.com/governance/executive-management/default.aspx

(4.3.1.2) Environmental responsibilities of this position

Dependencies, impacts, risks and opportunities

☑ Assessing environmental dependencies, impacts, risks, and opportunities

Policies, commitments, and targets

☑ Monitoring compliance with corporate environmental policies and/or commitments

☑ Measuring progress towards environmental corporate targets

☑ Measuring progress towards environmental science-based targets

☑ Setting corporate environmental policies and/or commitments

☑ Setting corporate environmental targets

Strategy and financial planning

☑ Developing a business strategy which considers environmental issues

☑ Implementing the business strategy related to environmental issues

☑ Managing acquisitions, mergers, and divestitures related to environmental issues

☑ Managing environmental reporting, audit, and verification processes

☑ Managing priorities related to innovation/low-environmental impact products or services (including R&D)

(4.3.1.4) Reporting line

Select from:

☑ Reports to the board directly

(4.3.1.5) Frequency of reporting to the board on environmental issues

Select from:

☑ Quarterly

(4.3.1.6) Please explain

In 2023, the Director of Sustainability & ESG reported directly to the Senior Vice President, General Counsel & Corporate Secretary who reports directly to the President and CEO and the Board of Directors.

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The Director of Sustainability & ESG oversees the Sustainability team, which is responsible for helping define the enterprise sustainability and ESG agenda, prioritizing issues, and driving impact. The team provides dedicated oversight of strategy, initiatives, and goals. The team collaborates with stakeholders to enable enterprise integration and progress.
[Add row]

(4.5) Do you provide monetary incentives for the management of environmental issues, including the attainment of targets?

Climate change

(4.5.1) Provision of monetary incentives related to this environmental issue

Select from:
☑ Yes

(4.5.2) % of total C-suite and board-level monetary incentives linked to the management of this environmental issue

0

(4.5.3) Please explain

Tennant Company's executive compensation program is designed to align our short- and long-term operating goals, the interests of our shareholders, and our strategic agenda, which includes sustainability. This incentive is aligned with the implementation of Tennant's strategic agenda, which includes sustainability and climate-related issues. This includes our new sustainability strategic framework and commitment to becoming net zero by 2040.

Achieving net-zero is a priority initiative in our enterprise strategy, of which our CEO is responsible for delivering. More information on executive compensation can be found in our annual Proxy statement https://investors.tennantco.com/reports/annual-reports/default.aspx

Water

(4.5.1) Provision of monetary incentives related to this environmental issue

Select from:

☑ Yes

(4.5.2) % of total C-suite and board-level monetary incentives linked to the management of this environmental issue

0

(4.5.3) Please explain

Tennant Company's executive compensation program is designed to align our short- and long-term operating goals, the interests of our shareholders, and our strategic agenda, which includes sustainability. This incentive is aligned with the implementation of Tennant's strategic agenda, which includes sustainability and climate-related issues. This includes our new sustainability strategic framework and commitment to becoming net zero by 2040.

Achieving net-zero is a priority initiative in our enterprise strategy, of which our CEO is responsible for delivering. More information on executive compensation can be found in our annual Proxy statement https://investors.tennantco.com/reports/annual-reports/default.aspx
[Fixed row]

(4.5.1) Provide further details on the monetary incentives provided for the management of environmental issues (do not include the names of individuals).

Climate change

(4.5.1.1) Position entitled to monetary incentive

Board or executive level

☑ Chief Executive Officer (CEO)

(4.5.1.2) Incentives

Select all that apply

☑ Bonus - % of salary

(4.5.1.3) Performance metrics

Targets

☑ Progress towards environmental targets

☑ Reduction in absolute emissions in line with net-zero target

Strategy and financial planning

☑ Increased investment in environmental R&D and innovation

Resource use and efficiency

☑ Energy efficiency improvement

Engagement

☑ Increased engagement with customers on environmental issues

(4.5.1.4) Incentive plan the incentives are linked to

Select from:

☑ Both Short-Term and Long-Term Incentive Plan, or equivalent

(4.5.1.5) Further details of incentives

Tennant Company's executive compensation program is designed to align our short- and long-term operating goals, the interests of our shareholders, and our strategic agenda, which includes sustainability. More information on executive compensation can be found in our annual Proxy statement https://investors.tennantco.com/reports/annual-reports/default.aspx

(4.5.1.6) How the position’s incentives contribute to the achievement of your environmental commitments and/or climate transition plan

This incentive is aligned with the implementation of Tennant's strategic agenda, which includes sustainability and climate-related issues. This includes our new sustainability strategic framework and commitment to becoming net zero by 2040.

Water

(4.5.1.1) Position entitled to monetary incentive

Board or executive level

☑ Chief Executive Officer (CEO)

(4.5.1.2) Incentives

Select all that apply

☑ Bonus - % of salary

(4.5.1.3) Performance metrics

Targets

☑ Progress towards environmental targets

☑ Reduction in absolute emissions in line with net-zero target

Strategy and financial planning

☑ Increased investment in environmental R&D and innovation

Resource use and efficiency

☑ Energy efficiency improvement

Engagement

☑ Increased engagement with customers on environmental issues

(4.5.1.4) Incentive plan the incentives are linked to

Select from:

☑ Both Short-Term and Long-Term Incentive Plan, or equivalent

(4.5.1.5) Further details of incentives

Tennant Company's executive compensation program is designed to align our short- and long-term operating goals, the interests of our shareholders, and our strategic agenda, which includes sustainability. More information on executive compensation can be found in our annual Proxy statement https://investors.tennantco.com/reports/annual-reports/default.aspx

(4.5.1.6) How the position's incentives contribute to the achievement of your environmental commitments and/or climate transition plan

This incentive is aligned with the implementation of Tennant's strategic agenda, which includes sustainability and climate-related issues. This includes our new sustainability strategic framework and commitment to becoming net zero by 2040.

Climate change

(4.5.1.1) Position entitled to monetary incentive

Sustainability specialist

☑ Other sustainability specialist, please specify **:**Senior Director of Sustainability & ESG

(4.5.1.2) Incentives

Select all that apply

☑ Bonus - % of salary

(4.5.1.3) Performance metrics

Targets

☑ Progress towards environmental targets

☑ Achievement of environmental targets

☑ Reduction in absolute emissions in line with net-zero target

Strategy and financial planning

☑ Increased investment in environmental R&D and innovation

Emission reduction

☑ Implementation of an emissions reduction initiative

Engagement

☑ Increased engagement with customers on environmental issues

(4.5.1.4) Incentive plan the incentives are linked to

Select from:

☑ Both Short-Term and Long-Term Incentive Plan, or equivalent

(4.5.1.5) Further details of incentives

Tennant Company's compensation program is designed to align our short- and long-term operating goals, including the objectives and goals outlined in our sustainability strategic framework. More compensation information can be found in our annual Proxy statement https://investors.tennantco.com/reports/annual-reports/default.aspx.

(4.5.1.6) How the position's incentives contribute to the achievement of your environmental commitments and/or climate transition plan

The Director of Sustainability & ESG's performance goals are tied to the specific objectives and goals outlined in our sustainability strategic framework, which includes our climate-related goals and GHG emissions reduction targets. Performance goals are defined annually and reviewed at least quarterly.

Water

(4.5.1.1) Position entitled to monetary incentive

Sustainability specialist

☑ Other sustainability specialist, please specify **:**Senior Director of Sustainability & ESG

(4.5.1.2) Incentives

Select all that apply

☑ Bonus - % of salary

(4.5.1.3) Performance metrics

Targets

☑ Progress towards environmental targets

☑ Achievement of environmental targets

☑ Reduction in absolute emissions in line with net-zero target

Strategy and financial planning

☑ Increased investment in environmental R&D and innovation

Emission reduction

☑ Implementation of an emissions reduction initiative

Engagement

☑ Increased engagement with customers on environmental issues

(4.5.1.4) Incentive plan the incentives are linked to

Select from:

☑ Both Short-Term and Long-Term Incentive Plan, or equivalent

(4.5.1.5) Further details of incentives

Tennant Company's compensation program is designed to align our short- and long-term operating goals, including the objectives and goals outlined in our sustainability strategic framework. More compensation information can be found in our annual Proxy statement https://investors.tennantco.com/reports/annual-reports/default.aspx.

(4.5.1.6) How the position's incentives contribute to the achievement of your environmental commitments and/or climate transition plan

The Director of Sustainability & ESG's performance goals are tied to the specific objectives and goals outlined in our sustainability strategic framework, which includes our climate-related goals and GHG emissions reduction targets. Performance goals are defined annually and reviewed at least quarterly.
[Add row]

(4.6) Does your organization have an environmental policy that addresses environmental issues?

	Does your organization have any environmental policies?
	Select from: ☑ Yes

[Fixed row]

(4.6.1) Provide details of your environmental policies.

Row 1

(4.6.1.1) Environmental issues covered

Select all that apply
☑ Climate change
☑ Water
☑ Biodiversity

(4.6.1.2) Level of coverage

Select from:
☑ Organization-wide

(4.6.1.3) Value chain stages covered

Select all that apply

☑ Direct operations

☑ Upstream value chain

☑ Downstream value chain

(4.6.1.4) Explain the coverage

Tennant Company's current sustainability strategy, which includes climate-related issues, included a materiality assessment that identified and prioritized environmental, social, and governance issues and opportunities based on our business objectives as well as the interests of our stakeholders.

In addition to this policy, another consideration for engagement activities is whether the organization's mission is consistent with our vision, business strategies, and stewardship guiding principle, which is as follows: "We will use our core value of stewardship to guide our actions. We are accountable to our colleagues, customers, investors, and communities. We care for one another and work together for our mutual safety." Additionally, the organization is evaluated to see if it is focused on sustainability issues, including climate change. These considerations in our engagement process have led us to partner with many organizations that educate and advocate for responsible energy and resource use and other changes which benefit the environment.

(4.6.1.5) Environmental policy content

Environmental commitments

☑ Commitment to comply with regulations and mandatory standards

☑ Commitment to take environmental action beyond regulatory compliance

Climate-specific commitments

☑ Commitment to 100% renewable energy

☑ Commitment to net-zero emissions

☑ Other climate-related commitment, please specify **:**We have an SBTi-approved net-zero plan.

Social commitments

☑ Commitment to respect internationally recognized human rights

☑ Other social commitment, please specify **:**We have a human rights policy (https://www.tennantco.com/content/dam/resources/web-content/sustainability/human-rights-policy/tennant-human-rights-policy-en.pdf) and are a participant to the UN Global Compact.

Additional references/Descriptions

☑ Reference to timebound environmental milestones and targets

(4.6.1.6) Indicate whether your environmental policy is in line with global environmental treaties or policy goals

Select all that apply

☑ Yes, in line with the Paris Agreement

(4.6.1.7) Public availability

Select from:

☑ Publicly available

(4.6.1.8) Attach the policy

2024 (FY23) Tennant Sustainability Report.pdf
[Add row]

(4.10) Are you a signatory or member of any environmental collaborative frameworks or initiatives?

(4.10.1) Are you a signatory or member of any environmental collaborative frameworks or initiatives?

Select from:

☑ Yes

(4.10.2) Collaborative framework or initiative

Select all that apply

☑ Global Reporting Initiative (GRI) Community Member

☑ Race to Zero Campaign

☑ Science-Based Targets Initiative (SBTi)

☑ UN Global Compact

☑ We Mean Business

(4.10.3) Describe your organization’s role within each framework or initiative

Our role within these initiatives is part of our commitment to the Science Based Target initiative's (SBTi) Net Zero Standard and as part of our legacy of environmental stewardship.
[Fixed row]

(4.11) In the reporting year, did your organization engage in activities that could directly or indirectly influence policy, law, or regulation that may (positively or negatively) impact the environment?

(4.11.1) External engagement activities that could directly or indirectly influence policy, law, or regulation that may impact the environment

Select all that apply
☑ Yes, we engaged indirectly through, and/or provided financial or in-kind support to a trade association or other intermediary organization or individual whose activities could influence policy, law, or regulation

(4.11.2) Indicate whether your organization has a public commitment or position statement to conduct your engagement activities in line with global environmental treaties or policy goals

Select from:
☑ Yes, we have a public commitment or position statement in line with global environmental treaties or policy goals

(4.11.3) Global environmental treaties or policy goals in line with public commitment or position statement

Select all that apply
☑ Paris Agreement

(4.11.4) Attach commitment or position statement

SBTi Commitment letter SIGNED 120822.pdf

(4.11.5) Indicate whether your organization is registered on a transparency register

Select from:
☑ No

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

Engagement activities are governed by Tennant Company's internal policy, Political Contributions and Public Policy Activities. This policy specifically states that the Company engages only "in public policy activities where there are legal and support issues that directly affect our business objectives and protect or enhance the interests of our stakeholders."

The Company's sustainability strategy, which includes climate-related issues, included a materiality assessment that identified and prioritized environmental, social, and governance issues and opportunities based on our business objectives as well as the interests of our stakeholders.

In addition to this policy, another consideration for engagement activities is whether the organization's mission is consistent with our vision, business strategies, and stewardship guiding principle, which is as follows: "We will use our core value of stewardship to guide our actions. We are accountable to our colleagues, customers, investors, and communities. We care for one another and work together for our mutual safety." Additionally, the organization is evaluated to see if it is focused on sustainability issues, including climate change. These considerations in our engagement process have led us to partner with many organizations that educate and advocate for responsible energy and resource use and other changes which benefit the environment.
[Fixed row]

(4.11.2) Provide details of your indirect engagement on policy, law, or regulation that may (positively or negatively) impact the environment through trade associations or other intermediary organizations or individuals in the reporting year.

Row 1

(4.11.2.1) Type of indirect engagement

Select from:
☑ Indirect engagement via a trade association

(4.11.2.4) Trade association

North America
☑ Other trade association in North America, please specify **:**American Association of Cleaning Equipment Manufacturers (AACEM)

(4.11.2.5) Environmental issues relevant to the policies, laws, or regulations on which the organization or individual has taken a position

Select all that apply

☑ Climate change

(4.11.2.6) Indicate whether your organization's position is consistent with the organization or individual you engage with

Select from:

☑ Mixed

(4.11.2.7) Indicate whether your organization attempted to influence the organization or individual's position in the reporting year

Select from:

☑ No, we did not attempt to influence their position

(4.11.2.8) Describe how your organization's position is consistent with or differs from the organization or individual's position, and any actions taken to influence their position

Tennant Company is a member of the AACEM and pays annual membership dues. Our objective is to support their mission to promote public awareness, professionalism, industry-wide safety standards, and education for the advancement of the cleaning equipment industry.

AACEM is a subsidiary of the International Sanitary Supply Association (ISSA). ISSA works to educate member companies and society on environmental issues like air quality and climate change. ISSA also advocates for green cleaning, which results in carbon emission reduction. Many ISSA members, including Tennant Company, have ambitious carbon-reduction targets.

AACEM and ISSA have not taken an explicit position on climate change.

(4.11.2.9) Funding figure your organization provided to this organization or individual in the reporting year (currency)

6400

(4.11.2.10) Describe the aim of this funding and how it could influence policy, law or regulation that may impact the environment

Tennant Company is a member of the AACEM and pays annual membership dues. Our objective is to support their mission to promote public awareness, professionalism, industrywide safety standards, and education for the advancement of the cleaning equipment industry. AACEM is a subsidiary of the International Sanitary Supply Association (ISSA). ISSA advocates for green cleaning, and as a result, the outcomes of our membership could influence policy, law, or regulation related to green cleaning, which in turn impacts the climate.

(4.11.2.11) Indicate if you have evaluated whether your organization's engagement is aligned with global environmental treaties or policy goals

Select from:

☑ Yes, we have evaluated, and it is not aligned

Row 2

(4.11.2.1) Type of indirect engagement

Select from:

☑ Indirect engagement via other intermediary organization or individual

(4.11.2.2) Type of organization or individual

Select from:

☑ Non-Governmental Organization (NGO) or charitable organization

(4.11.2.3) State the organization or position of individual

U.S Green Building Council

(4.11.2.5) Environmental issues relevant to the policies, laws, or regulations on which the organization or individual has taken a position

Select all that apply

☑ Climate change

☑ Water

(4.11.2.6) Indicate whether your organization's position is consistent with the organization or individual you engage with

Select from:

☑ Mixed

(4.11.2.7) Indicate whether your organization attempted to influence the organization or individual's position in the reporting year

Select from:

☑ No, we did not attempt to influence their position

(4.11.2.8) Describe how your organization's position is consistent with or differs from the organization or individual's position, and any actions taken to influence their position

Tennant has been a member of the U.S. Green Building Council since 2006, and we have pre-paid a long-term membership that is valid until 2028. Our objective is to support their mission to transform how buildings are designed, constructed, and operated, enabling an environmentally and socially responsible, healthy, and prosperous environment that improves the quality of life. Also, incorporate their practices and principles into our facility operations, construction, and renovation practices. USGBC supports green building regulations, policies, and practices. As a result, the outcomes of our membership could influence policy, laws, or regulations related to green buildings, which in turn impacts both climate and water use.

Additionally, several Tennant products can earn project points in the USGBC's Leadership in Energy and Environmental Designs (LEED) rating system. Details of these products are outlined in the "Tennant Environmental Responsibility Brochure." We update this regularly to ensure it has the most up-to-date information and is available on the sustainability page on our website: https://www.tennantco.com/en_us/about-us/sustainability.html.

(4.11.2.9) Funding figure your organization provided to this organization or individual in the reporting year (currency)

0

(4.11.2.11) Indicate if you have evaluated whether your organization's engagement is aligned with global environmental treaties or policy goals

Select from:

☑ Yes, we have evaluated, and it is aligned

(4.11.2.12) Global environmental treaties or policy goals aligned with your organization's engagement on policy, law or regulation

Select all that apply

☑ Paris Agreement

[Add row]

(4.12.1) Provide details on the information published about your organization's response to environmental issues for this reporting year in places other than your CDP response. Please attach the publication.

Row 1

(4.12.1.1) Publication

Select from:

☑ In voluntary sustainability reports

(4.12.1.3) Environmental issues covered in publication

Select all that apply

☑ Climate change

☑ Water

(4.12.1.4) Status of the publication

Select from:

☑ Complete

(4.12.1.5) Content elements

Select all that apply

☑ Strategy

☑ Governance

☑ Emission targets

☑ Emissions figures

☑ Value chain engagement

☑ Content of environmental policies

(4.12.1.6) Page/section reference

Governance pg. 13, 47-49 Strategy and metrics pg. 8 - 17 GHG emissions pg. 31-37 Value chain engagement pg. 37 Water and chemical use pg. 38 Circular products and waste pg. 39-46 Suppliers pg. 49

(4.12.1.7) Attach the relevant publication

2024 (FY23) Tennant Sustainability Report.pdf

(4.12.1.8) Comment

N/A
[Add row]

C5. Business strategy

(5.1) Does your organization use scenario analysis to identify environmental outcomes?

Climate change

(5.1.1) Use of scenario analysis

Select from:

☑ Yes

(5.1.2) Frequency of analysis

Select from:

☑ Annually

Water

(5.1.1) Use of scenario analysis

Select from:

☑ No, but we plan to within the next two years

(5.1.3) Primary reason why your organization has not used scenario analysis

Select from:

☑ Insufficient data

(5.1.4) Explain why your organization has not used scenario analysis

Improving water stewardship in our operations and continually striving to design products that require fewer cleaning chemicals and reduced water use is a key component of our Thriving People. Healthy Planet. sustainability framework.

The development and implementation process for the collection of baseline water consumption data is a current focus for Tennant, and will be undertaken in 2024. In order for any type of scenario analysis to occur, this data will need to be collected and assessed first.
[Fixed row]

(5.1.1) Provide details of the scenarios used in your organization's scenario analysis.

Climate change

(5.1.1.1) Scenario used

Climate transition scenarios

☑ IEA NZE 2050

(5.1.1.3) Approach to scenario

Select from:

☑ Qualitative and quantitative

(5.1.1.4) Scenario coverage

Select from:

☑ Organization-wide

(5.1.1.5) Risk types considered in scenario

Select all that apply

☑ Policy
☑ Market
☑ Liability
☑ Reputation
☑ Technology
☑ Acute physical
☑ Chronic physical

(5.1.1.6) Temperature alignment of scenario

Select from:

☑ 1.5°C or lower

(5.1.1.7) Reference year

2021

(5.1.1.8) Timeframes covered

Select all that apply

☑ 2040

(5.1.1.9) Driving forces in scenario

Local ecosystem asset interactions, dependencies and impacts

☑ Climate change (one of five drivers of nature change)

(5.1.1.10) Assumptions, uncertainties and constraints in scenario

A few examples of assumptions for our analysis include projected global energy grids and sources (IEA) and continued and increased demand for our products and services.

(5.1.1.11) Rationale for choice of scenario

We selected the IEA NZE 2050 scenario to conduct climate-related scenario analysis as part of our sustainability strategic framework and science-based target development.

In 2023, SBTi approved and validated Tennant Company's near- and long-term net-zero targets (45% reduction in GHG emissions by 2030; net-zero/90% reduction in GHG emissions by 2040). As such, SBTi criteria and recommendations for parameters and assumptions were incorporated in the scenario analysis. We utilized SBTi's net-zero tools and followed the Internal Energy Agency's (IEA) Net Zero by 2050 Scenario, 1.5C aligned pathways.

We chose a time horizon of about 20 years, aligning with our SBTi-validated target of net-zero by 2040. We considered impacts regarding global energy grids, macroeconomic factors, GDP, raw materials, and customer preferences in our analysis.

[Add row]

(5.1.2) Provide details of the outcomes of your organization’s scenario analysis.

Climate change

(5.1.2.1) Business processes influenced by your analysis of the reported scenarios

Select all that apply

☑ Risk and opportunities identification, assessment and management

☑ Strategy and financial planning

☑ Target setting and transition planning

(5.1.2.2) Coverage of analysis

Select from:

☑ Organization-wide

(5.1.2.3) Summarize the outcomes of the scenario analysis and any implications for other environmental issues

The results of the climate-related scenario analysis included determining that extreme weather disrupting energy generation, transmission, and distribution could significantly negatively impact the cost and reliability of electricity available for Tennant Company's operations. Our manufacturing plants could temporarily close due to a lack of energy for lighting, heating, and powering equipment. Sales and service calls could be temporarily discontinued due to road closures and non-functioning vehicle charging stations for an electrified fleet.

Specific to overall risks and opportunities, a substantive financial impact is any activity or event that affects our profitability or financial position by more than 1-10%. This threshold is used in our long-range planning and budgeting processes to determine the risks and opportunities the business will pursue, inclusive of climate-related risks and opportunities. More broadly, our finance and internal audit departments develop materiality, substantive financial impact, and deficiency reporting thresholds annually. These thresholds are reviewed and approved annually by the Audit Committee of the Board of Directors in February. A substantive financial impact is then included as a criterion when rating enterprise risks in our annual enterprise risk assessment (ERA) survey. Enterprise risks are included in the yearly ERA survey from the cross-functionally identified Risk Universe. As mentioned, each enterprise risk is evaluated using a methodology that evaluates impact (financial, reputational, and operational loss), the overall likelihood of that risk occurring, and our management preparedness.

Consequently, we invested in an on-site renewable energy project at our manufacturing plant in Limeira, Brazil. In June 2022, 165 solar panels were installed and produced over 92,000 kWh of energy in 2023. Overall, the project is an essential first step in reducing GHG emissions from our operations, helping mitigate climate

change's effects, and providing a reliable, renewable energy source. Tennant is in the implementation phase of installing solar panels on our five manufacturing facilities in Italy, with the solar panels expected to be active at the end of 2024 and beginning of 2025.
[Fixed row]

(5.2) Does your organization’s strategy include a climate transition plan?

(5.2.1) Transition plan

Select from:
☑ Yes, we have a climate transition plan which aligns with a 1.5°C world

(5.2.3) Publicly available climate transition plan

Select from:
☑ Yes

(5.2.4) Plan explicitly commits to cease all spending on, and revenue generation from, activities that contribute to fossil fuel expansion

Select from:
☑ No, and we do not plan to add an explicit commitment within the next two years

(5.2.6) Explain why your organization does not explicitly commit to cease all spending on and revenue generation from activities that contribute to fossil fuel expansion

Tennant Company is aligned with SBTi's definition of net-zero GHG emissions, which is a 90% reduction of carbon emissions from the designated baseline year. While Tennant Company will strive to exceed the 90% reduction mark, it will be a challenge to limit all fossil fuel spend and fossil fuel-related revenue due to global factors. As defined by SBTi, we will use permanent carbon removal and storage to counter-balance the final 10% or less of emissions that cannot be eliminated.

(5.2.7) Mechanism by which feedback is collected from shareholders on your climate transition plan

Select from:

☑ We have a different feedback mechanism in place

(5.2.8) Description of feedback mechanism

Tennant Company has a robust stakeholder engagement process to gather feedback on the contents and progress of our sustainability strategy, which includes our climate transition plans. Our most recent materiality assessment was completed in 2022.

We utilized a wide range of data sources to identify and assess the impact of all the potential issues relevant to our business. We used sources that identified today's issues and provided leading indicators of emerging issues and issues that will increase in importance over the next five to ten years. We engaged internal and external stakeholders to understand their perspectives on how Tennant Company can continue to lead in sustainability and where they believe we have the opportunity to engage and drive impact across our value chain. A diverse group of stakeholders was engaged to validate the assessment of the financial impact of issues deemed material on the business. This group included our Senior Management Team, Board of Directors Governance Committee members, customers, and investors. The issue identification, stakeholder research, and validation phases produced the finalized material issues prioritization. Our external partner further evaluated material topics and their definitions to reduce bias and produced a materiality map.

Insights collected throughout the process were used to clearly understand the dynamic and interrelated nature of material issues, including dependencies and outcomes. This stage is critical for strategy development. In assessing the interconnected nature of the material issues we identified, several key themes emerged, which informed and are integrated into our Thriving People. Healthy Planet. sustainability framework, which was activated in 2023.

In preparation for the EU CSRD, we incorporated the concept of double materiality. As such, we evaluated the potential impact of environmental and social issues on Tennant's financial performance and value and the impact of Tennant's activities on people and the environment. In 2023, we continued to enhance our double materiality assessment and approach, using this guidance to prepare for sustainability and ESG reporting regulations.

We routinely engage our suppliers, government and other regulatory entities, trade organizations and partners, and the communities in which we work. We will continue to look to all our stakeholders for their valued perspectives as we implement the new framework, set goals, and develop action plans.

(5.2.9) Frequency of feedback collection

Select from:

☑ Annually

(5.2.10) Description of key assumptions and dependencies on which the transition plan relies

Tennant Company's assumptions are based on the SBTi Corporate Net-Zero Standard that can be viewed here: https://sciencebasedtargets.org/resources/files/Net-Zero-Standard.pdf.

Our calculation methodologies are aligned with the SBTi Standard and are reviewed and utilized in the preparation of our Tennant Company Greenhouse Gas (GHG) Emissions Statement for the Year Ended December 31, 2023 on which Deloitte & Touche LLC has issued a limited assurance report dated June 27, 2024.

For example, Tennant Company assumes global electrical grids will green at a rate as documented by the IEA.

(5.2.11) Description of progress against transition plan disclosed in current or previous reporting period

As detailed in our 2024 (FY2023) Sustainability Report, section "Measuring Progress" (pages 15-17), Tennant made strides against the goals outlined in our Thriving People. Healthy Planet. sustainability framework and progress report.

Goal: Reduce Scope 1 & 2 GHG emissions 45% by 2030
Progress: In 2023, emissions from our operations and fleet decreased 13% compared to the 2021 base year through a combination of increased renewable energy production and implementing various energy efficiency activities.

Goal: Source 100% of electricity from renewable sources across all global facilities by 2030
Progress: In 2023, the total renewable energy purchased and produced represents 92% of all electricity consumed across the Company. Our renewable energy portfolio increased because 2023 was the first full year of operation for the on-site solar panels at our manufacturing plants in Brazil.

Goal: Reduce emissions from our global fleet by 40% by 2030 and 100% by 2040
Progress: In 2023, emissions from our vehicle fleet decreased 8% compared to the 2021 base year. We established a global fleet emissions reduction group and began developing and implementing strategies to reduce fleet emissions.

Goal: Reduce Scope 3, category 11 use of sold products emissions 45% by 2030
Progress: In 2023, emissions from the use of our sold products decreased 8% compared to the 2021 base year due to the increasing demand from customers for electric machines and the decarbonization of electrical grids globally.

Goal: Establish water baselines for our manufacturing facilities
Progress: In 2023, we began the data collection process. In collaboration with global facilitates and operations teams, we will develop and implement a process for collecting water consumption data to establish baselines.

Goal: Embed five sustainability themes into product line strategies and the new product development process to help our customers achieve their sustainability goals.
Progress: In 2023, we established a product sustainability workgroup which prioritized embedding our net-zero targets with our product line strategies. In 2024, this group will work to enhance our new product development process, including incorporating the five most common themes of customer inquiries as they seek partners to help them achieve their sustainability goals.

Goal: Complete life-cycle assessments of our products
Progress: In 2024, we will conduct two ISO-compliant life-cycle assessments for our customers to better understand the life-cycle impact of our products. These assessments will also identify opportunities to significantly reduce the life-cycle emissions of our products and inform our product design and development processes.

Goal: Establish waste baselines for our manufacturing facilities Progress: In 2024, in collaboration with global facilitates and operations teams, we will develop and implement a process for collecting waste generated and diversion data to establish baselines.

(5.2.12) Attach any relevant documents which detail your climate transition plan (optional)

2024 (FY23) Tennant Sustainability Report.pdf

(5.2.13) Other environmental issues that your climate transition plan considers

Select all that apply

☑ No other environmental issue considered

[Fixed row]

(5.3) Have environmental risks and opportunities affected your strategy and/or financial planning?

(5.3.1) Environmental risks and/or opportunities have affected your strategy and/or financial planning

Select from:

☑ Yes, both strategy and financial planning

(5.3.2) Business areas where environmental risks and/or opportunities have affected your strategy

Select all that apply

☑ Products and services

☑ Upstream/downstream value chain

☑ Investment in R&D

☑ Operations

[Fixed row]

(5.3.1) Describe where and how environmental risks and opportunities have affected your strategy.

Products and services

(5.3.1.1) Effect type

Select all that apply

☑ Opportunities

(5.3.1.2) Environmental issues relevant to the risks and/or opportunities that have affected your strategy in this area

Select all that apply

☑ Climate change

(5.3.1.3) Describe how environmental risks and/or opportunities have affected your strategy in this area

Tennant Company's sustainability strategy has been influenced by the opportunity to address the increase in demand for reduced and low-carbon products. In 2023 we began the activation and implementation of our sustainability strategic framework, which consists of six impact areas where we have the opportunity to drive positive change while creating sustainable value for our business, customers, and society - enabling performance. One of these areas is circular products & waste. From a products and services perspective, Tennant Company's most substantial strategic decision to date is incorporating sustainability into the new product design process and prioritizing high performance and durability. Generally, our products have a higher average selling price, margin, and revenue than other entry-level products.

As a result, the Company offers many products with various environmental attributes to help our customers save money, increase efficiencies, reduce their emissions, and meet their sustainability goals.

We have seen an increase in customer questions and requests regarding the environmental impact of our products as they set and make progress on their sustainability targets.

Specifically, our customers want to know our products' carbon emissions over their lifetime, including how much is emitted with each use, how their cleaning programs impact their carbon emissions, and more.

As a result, in 2022, Tennant Company's IPC brand sought ISO 14067 certification in collaboration with a third-party assurance provider. IPC currently offers eight scrubber dryer machines with ISO 14067-certified carbon footprints- https://www.ipcworldwide.com/carbon-footprint/ - and plans to continue certifying more products to provide customers with an excellent selection of options.

We expect our sustainable products strategy to remain in place through 2040 in conjunction with our proposed science-based target to reduce Scope 3 emissions (category 1 purchased goods & services and category 11 use of sold products) by 90% by 2040.

Upstream/downstream value chain

(5.3.1.1) Effect type

Select all that apply

☑ Risks

☑ Opportunities

(5.3.1.2) Environmental issues relevant to the risks and/or opportunities that have affected your strategy in this area

Select all that apply

☑ Climate change

(5.3.1.3) Describe how environmental risks and/or opportunities have affected your strategy in this area

Tennant Company's sustainability strategy has been influenced by the climate-related risks and opportunities throughout our value chain.

For several years, the Company's largest source of emissions has been our Scope 3 emissions, specifically our Scope 3 – category 11, use of sold products, which accounted for 68% of our total 2023 value chain emissions (scope 3 emissions). As a result, our customers' use of Tennant products is an integral part of our value chain sustainability and climate-related strategy.

Tennant Company's most substantial strategic decision to date was setting a science-based target (SBT) in collaboration with the Science Based Target initiative (SBTi) to reduce our Scope 3 - category 11 emissions and transparently report on our impact to create mutual accountability between our value chain partners and us.

By embedding sustainability into our new product development process and enhancing our current product portfolio through efficiency improvements such as electrification and robotics, we were able to avoid a linear increase in our Scope 3 – category 11, use of sold products emissions as compared to the higher percentage increase of our equipment revenue in 2023.

We expect our value chain sustainability strategy to remain in place through 2040 in conjunction with our proposed science-based target to reduce Scope 3 emissions (category 1 purchased goods & services and category 11 use of sold products) by 90% by 2040.

Also, in 2023 we began activating and implementing our sustainability strategic framework, which consists of six impact areas where we have the opportunity to drive positive change while creating sustainable value for our business, customers, and society. Our supply and value chain are integrated into this framework, including our goal to reduce emissions in our supply chain.

Investment in R&D

(5.3.1.1) Effect type

Select all that apply

☑ Opportunities

(5.3.1.2) Environmental issues relevant to the risks and/or opportunities that have affected your strategy in this area

Select all that apply

☑ Climate change

(5.3.1.3) Describe how environmental risks and/or opportunities have affected your strategy in this area

Tennant Company's strategy has been influenced by the opportunity to address the increase in demand for reduced and low-carbon products and services through R&D and innovation.

Throughout our 150-year history, Tennant Company has been dedicated to advancing the cleaning industry by developing innovative technologies to create a cleaner, safer, healthier world. As a result, we have embedded sustainability strategy and target-setting discussions into our new product development process. Our innovation efforts are focused on holistically solving our customers' needs by addressing various issues, such as managing labor costs, enhancing productivity, and making cleaning processes more efficient and sustainable. We create new growth opportunities through core product development, partnerships, and technology enablement.

One of Tennant Company's most substantial strategic decisions to date was to gradually transition our product portfolio power source from internal combustion (IC) engines to electric sources, including lithium-ion and lead acid batteries and corded-electric. This decision had multiple drivers, including increasing customer demand for lower emissions products, the emerging regulatory risks that could affect IC engines, and our commitment to reducing emissions throughout our value chain.

Tennant strives to offer products that can provide measurable sustainability improvements. Each year, Tennant invests approximately 3% of sales into research and development to drive innovations that move our industry forward, including autonomous mobile robots and further embedding circularity, repairability, and end-of-life care into our products.

We expect our sustainable products strategy to remain in place through 2040 in conjunction with our proposed science-based target to reduce Scope 3 emissions (category 1 purchased goods & services and category 11 use of sold products) by 90% by 2040.

In 2023, we began activating and implementing our sustainability strategic framework, which consists of six impact areas where we have the opportunity to drive positive change while creating sustainable value for our business, customers, and society. One of these areas is circular products and waste.

Operations

(5.3.1.1) Effect type

Select all that apply

☑ Risks

(5.3.1.2) Environmental issues relevant to the risks and/or opportunities that have affected your strategy in this area

Select all that apply

☑ Climate change

(5.3.1.3) Describe how environmental risks and/or opportunities have affected your strategy in this area

Tennant Company's sustainability strategy has been influenced by climate-related risks to our operations. These risks include potential carbon market mechanisms and other emerging regulations that could increase the total costs of energy and the emissions they generate.

One of our most substantial strategic decisions to date was to prioritize energy and emissions reduction projects. Tennant Company has implemented various energy efficiency and reduction projects annually, reducing operating costs for our manufacturing facilities and sales/service vehicle fleets. We achieved this by adapting energy- and fuel-saving technologies.

We expect our operations sustainability strategy to remain in place through 2040 in conjunction with our proposed science-based target to reduce Scope 1 & 2 GHG emissions by 90% by 2040.

In 2023, we began activating and implementing our sustainability strategic framework, which consists of six impact areas where we have the opportunity to drive positive change while creating sustainable value for our business, customers, and society. One of these areas is climate & energy. We aim to contribute to global decarbonization by achieving net-zero GHG emissions in our operations and reducing emissions in our supply chain.
[Add row]

(5.3.2) Describe where and how environmental risks and opportunities have affected your financial planning.

Row 1

(5.3.2.1) Financial planning elements that have been affected

Select all that apply

☑ Revenues

☑ Direct costs

(5.3.2.2) Effect type

Select all that apply

☑ Risks

☑ Opportunities

(5.3.2.3) Environmental issues relevant to the risks and/or opportunities that have affected these financial planning elements

Select all that apply

☑ Climate change

(5.3.2.4) Describe how environmental risks and/or opportunities have affected these financial planning elements

Climate-related risks and opportunities have influenced our financial planning regarding revenues, direct costs, capital expenditures, capital allocation, and research and development expenditures. For example, climate-related risks and opportunities related to product and services innovation, regulations and standards, and customer preferences and requirements were identified in our annual enterprise risk assessment (ERA) and influenced our long-term financial planning as related to revenues.

Specific to overall risks and opportunities, a substantive financial impact is any activity or event that affects our profitability or financial position by more than 1-10%. This threshold is used in our long-range planning and budgeting processes to determine the risks and opportunities the business will pursue, inclusive of climate-related risks and opportunities.

We also continue to see an increase in sustainability questions and requirements in our customers' solicitations and requests for proposals, including issues related to the climate risks and opportunities described above. We anticipate continued interest and growth in the magnitude of these customer requirements; thus, it represents an opportunity for the Company to increase investment in developing new and expanding current, low emissions products or services.

As another example, Tennant Company has a climate-related risk to direct costs, capital expenditures, and allocations as we consider how best to achieve our proposed science-based carbon reduction targets for 2030. Direct costs risk includes rising energy costs, potential carbon market mechanisms, and other emerging regulations that could further increase the total costs of fossil-fuel energy and the emissions they generate. Our efforts to reduce carbon emissions have resulted in significant savings in electricity, natural gas, and vehicle fuel costs. Impacts include reduced current operating costs and mitigating the longer-term risk of potential carbon market mechanisms. We have reduced operating costs for manufacturing facilities and sales/service vehicle fleets by adapting t- energy- and fuel-saving technologies.

Row 2

(5.3.2.1) Financial planning elements that have been affected

Select all that apply

☑ Capital expenditures
☑ Capital allocation

(5.3.2.2) Effect type

Select all that apply
☑ Risks
☑ Opportunities

(5.3.2.3) Environmental issues relevant to the risks and/or opportunities that have affected these financial planning elements

Select all that apply
☑ Climate change

(5.3.2.4) Describe how environmental risks and/or opportunities have affected these financial planning elements

Capital expenditures and allocations include investing in energy-efficient equipment and efficiency projects and sourcing renewable energy. In capital expense financial analysis, Tennant Company considers long-term energy and fuel cost savings. This is part of the financial model required for capital planning and approval. One Company-specific example was our continued commitment to renewable energy by purchasing Guarantees of Origin (GOs) and Renewable Energy Credits (RECs) for electricity consumption at multiple facilities. The total renewable purchase represents 18,700 MWh, more than 92% of all electricity consumed across the Company globally in 2023.

In 2022, the Company completed an updated materiality assessment and refreshed our sustainability strategy framework. There were many drivers for this work, including the need to reevaluate our science-based greenhouse gas emissions reduction targets.

In 2018, we set two greenhouse gas (GHG) emissions reduction targets with the Science Based Targets initiative (SBTi). We are proud to be one of the first 104 companies globally to have our science-based targets (SBT) approved and to be featured in SBTi's Scope 3 best practices in the greenhouse gas management guidance document, highlighting our innovations in product design to reduce our value stream emissions (https://sciencebasedtargets.org/resources/files/SBT_Value_Chain_Report-1.pdf).

Our world has significantly changed since setting these targets, as has our business. We have learned more about our changing climate and seen a significant increase in engagement on climate from our stakeholders and demand for lower-emissions products from our customers. Combined with accelerated progress against our targets, our growth as a business, and the drive to future-proof our business growth in our ever-changing world, in 2022, we began updating our SBT. We engaged internal stakeholders and various subject matter experts to align with other organizational priorities. We utilized SBTi's tools and resources to analyze

Tennant's historical greenhouse gas emissions data to forecast future emissions. In 2023, Tennant Company committed to becoming net zero by 2040 and was validated by SBTi for near-and long-term company-wide greenhouse gas reduction targets.
[Add row]

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

	Identification of spending/revenue that is aligned with your organization's climate transition	Methodology or framework used to assess alignment with your organization's climate transition
	Select from: ☑ Yes	*Select all that apply* ☑ Other methodology or framework

[Fixed row]

(5.4.1) Quantify the amount and percentage share of your spending/revenue that is aligned with your organization's climate transition.

Row 1

(5.4.1.1) Methodology or framework used to assess alignment

Select from:
☑ Other, please specify :CAPEX

(5.4.1.5) Financial metric

Select from:
☑ CAPEX

(5.4.1.6) Amount of selected financial metric that is aligned in the reporting year (currency)

5300000

(5.4.1.7) Percentage share of selected financial metric aligned in the reporting year (%)

25

(5.4.1.8) Percentage share of selected financial metric planned to align in 2025 (%)

25

(5.4.1.9) Percentage share of selected financial metric planned to align in 2030 (%)

25

(5.4.1.12) Details of the methodology or framework used to assess alignment with your organization's climate transition

There is a sustainability section on our capital expenditure request form. This section asks if the project contributes to our sustainability strategy and goals. If so, they must describe how this project will contribute, any estimated cost or carbon emissions savings, and the source for those estimations.
[Add row]

(5.5) Does your organization invest in research and development (R&D) of low-carbon products or services related to your sector activities?

(5.5.1) Investment in low-carbon R&D

Select from:
☑ Yes

(5.5.2) Comment

Tennant Company strives to design our products with an enhanced focus on repair, serviceability, replacement of parts, recycling, and recovery of materials and help to close the loop on the lifecycle of our products. We have a long history of innovation, creating solutions that help our customers improve and clean the spaces we all

share. We are committed to offering sustainable solutions that help our customers clean spaces more effectively, reduce waste, and improve the safety of those who operate our machines.

Project-level investment is confidential information. We make significant investments in R&D every year, and our annual investment is approximately 3% of sales. We manage the opportunity associated with developing and expanding lower-emissions products and services through our R&D investment and by embedding sustainability into our new product design (NPD) process.

Tennant strives to offer products that can provide measurable sustainability improvements. These initiatives are implemented during product development and tracked throughout design until the machine reaches the customer. At the launch of a product, our product development teams look back to understand what targets were achieved.

This process is controlled by specific requirements stated within our product development strategy. Engineering and product development teams meet to discuss opportunities to achieve sustainability criteria and address customer needs.

Product development sustainability goals are core to our product strategy and will continue to be a focus in the future. As we implement our new sustainability framework, we will be undertaking a concentrated effort to revamp our sustainability goal-setting process within product development. This will include specific development metrics that directly apply to our ambitious goals, including our commitment to achieve net zero by 2040. We will partner with our customers to increase the energy efficiency of our portfolio and offer solutions that will eliminate GHG emissions during the product's use phase. We will continue to invest in electrification innovations and focus on product circularity in the design process.
[Fixed row]

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

Row 1

(5.5.2.1) Technology area

Select from:
☑ Unable to disaggregate by technology area

(5.5.2.4) R&D investment figure in the reporting year (unit currency as selected in 1.2) (optional)

36600000

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

Tennant Company strives to design our products with an enhanced focus on repair, serviceability, replacement of parts, recycling, and recovery of materials and help to close the loop on the lifecycle of our products. We have a long history of innovation, creating solutions that help our customers improve and clean the spaces we all share. We are committed to offering sustainable solutions that help our customers clean spaces more effectively, reduce waste, and improve the safety of those who operate our machines.

Project-level investment is confidential information. We make significant investments in R&D every year, and our annual investment is approximately 3% of sales. We manage the opportunity associated with developing and expanding lower-emissions products and services through our R&D investment and by embedding sustainability into our new product design (NPD) process. Tennant strives to offer products that can provide measurable sustainability improvements. These initiatives are implemented during product development and tracked throughout design until the machine reaches the customer. At the launch of a product, our product development teams look back to understand what targets were achieved.

This process is controlled by specific requirements stated within our product development strategy. Engineering and product development teams meet to discuss opportunities to achieve sustainability criteria and address customer needs.

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[Add row]

(5.9) What is the trend in your organization’s water-related capital expenditure (CAPEX) and operating expenditure (OPEX) for the reporting year, and the anticipated trend for the next reporting year?

(5.9.1) Water-related CAPEX (+/- % change)

0

(5.9.3) Water-related OPEX (+/- % change)

0

(5.9.5) Please explain

Our organization is currently in the initial stages of gathering water consumption data across our manufacturing facilities to establish accurate water baselines. Consequently, our water-related capital expenditure (CAPEX) and operating expenditure (OPEX) trends for the reporting year do not reflect any water-related spend. The data collection and analysis that we are currently doing for water dependencies, impacts, risks, and opportunities will inform our strategic understanding of water as a valuable resource, positioning us to proactively address water-related risks and identify efficiency opportunities, which may then influence CAPEX and OPEX. [Fixed row]

(5.10) Does your organization use an internal price on environmental externalities?

	Use of internal pricing of environmental externalities	Environmental externality priced
	Select from: ☑ Yes	*Select all that apply* ☑ Carbon

[Fixed row]

(5.10.1) Provide details of your organization's internal price on carbon.

Row 1

(5.10.1.1) Type of pricing scheme

Select from:

☑ Shadow price

(5.10.1.2) Objectives for implementing internal price

Select all that apply

☑ Drive energy efficiency

☑ Identify and seize low-carbon opportunities

☑ Other, please specify :Quantify Risk

(5.10.1.3) Factors considered when determining the price

Select all that apply

☑ Alignment with the price of a carbon tax

☑ Other, please specify :Given that our facilities located in the UK are already subjected to a carbon tax, the climate change levy, we used that tax rate for our internal price on carbon.

(5.10.1.4) Calculation methodology and assumptions made in determining the price

Alignment with the price of a carbon tax. Given that our facilities located in the UK are already subjected to a carbon tax, the climate change levy, we used that tax rate for our internal price on carbon.

(5.10.1.5) Scopes covered

Select all that apply

☑ Scope 1

☑ Scope 2

☑ Scope 3, other (upstream)

☑ Scope 3, other (downstream)

(5.10.1.6) Pricing approach used – spatial variance

Select from:

☑ Uniform

(5.10.1.8) Pricing approach used – temporal variance

Select from:

☑ Static

(5.10.1.10) Minimum actual price used (currency per metric ton CO2e)

0

(5.10.1.11) Maximum actual price used (currency per metric ton CO2e)

0

(5.10.1.12) Business decision-making processes the internal price is applied to

Select all that apply

☑ Risk management

☑ Opportunity management

(5.10.1.13) Internal price is mandatory within business decision-making processes

Select from:

☑ No

(5.10.1.14) % total emissions in the reporting year in selected scopes this internal price covers

100

(5.10.1.15) Pricing approach is monitored and evaluated to achieve objectives

Select from:

☑ Yes

(5.10.1.16) Details of how the pricing approach is monitored and evaluated to achieve your objectives

We have used an internal price of carbon to quantify risk and understand the full potential impacts of our energy use changes. Our risk management process is described in C2.2.

Current and emerging regulations are relevant and always included in our annual ERA (C2.2a). Given that our facilities in the UK are already subjected to a carbon tax, the climate change levy used that tax rate for our internal price on carbon. In 2023, the GO.UK tax rate was 0.00775 (/ per kilowatt hour (kWh)) for electricity, 0.00672 (/ per kilowatt hour (kWh)) for natural gas, and 0.02175 (/ per kilowatt hour (kWh)) for LPG.

Using these rates, for FY2023, we estimate the total costs of our Scope 1, 2, and 3 GHG emissions at more than 56 million, which is well beyond Tennant's definition of a substantive financial impact (C2.1b).

The results of this analysis inform our 2023 sustainability strategy activation and implementation, our commitment to becoming net zero by 2040, and our draft near- and long-term company-wide greenhouse gas reduction targets that have been submitted to SBTi for validation.

To mitigate this impact, we have invested in energy efficiency and emissions reduction projects as well as renewable energy (C4.3a). Additionally, we have invested in new technologies and products that can reduce our customer's emissions and related risks. We use Life Cycle Assessments to quantify environmental impacts, including carbon emissions (C-CG6.6).

We have qualitatively and quantitatively considered carbon prices in long-term capital investments. This aided decision-making, especially for larger facility projects. Additionally, we invested in an on-site renewable energy project at our manufacturing plant in Limeira, Brazil. In May 2022, 165 solar panels were installed. The solar panels are estimated to save 21,000 annually on electricity costs. This project is estimated to reduce the factory's Scope 2 emissions by more than 70%. 2023 was the first full year of production and the solar panels produced over 92,000 kWh of energy. Overall, the project has an estimated three- and half-year return on investment and is an essential first step in reducing GHG emissions from our operations. Solar panels at our five manufacturing plants in Italy will be active at the end of 2024 and beginning of 2025.
[Add row]

(5.11) Do you engage with your value chain on environmental issues?

	Engaging with this stakeholder on environmental issues	Environmental issues covered
Suppliers	*Select from:* ☑ Yes	*Select all that apply* ☑ Climate change
Customers	*Select from:* ☑ Yes	*Select all that apply* ☑ Climate change
Investors and shareholders	*Select from:* ☑ Yes	*Select all that apply* ☑ Climate change
Other value chain stakeholders	*Select from:* ☑ Yes	*Select all that apply* ☑ Climate change

[Fixed row]

(5.11.1) Does your organization assess and classify suppliers according to their dependencies and/or impacts on the environment?

	Assessment of supplier dependencies and/or impacts on the environment
Climate change	*Select from:* ☑ No, we do not currently assess the dependencies and/or impacts of our suppliers, but we plan to do so within the next two years

[Fixed row]

(5.11.2) Does your organization prioritize which suppliers to engage with on environmental issues?

Climate change

(5.11.2.1) Supplier engagement prioritization on this environmental issue

Select from:

☑ Yes, we prioritize which suppliers to engage with on this environmental issue

(5.11.2.2) Criteria informing which suppliers are prioritized for engagement on this environmental issue

Select all that apply

☑ Regulatory compliance

☑ Other, please specify **:**Environmental aspects in supplier code of conduct

(5.11.2.4) Please explain

Sustainability and ESG criteria, including climate-related topics, are incorporated into our supplier core expectations (https://www.tennantco.com/en_us/aboutus/suppliers.html).

We expect our suppliers to adhere to this policy and maintain the highest ethical standards, with particular attention to corporate citizenship and sustainability. By collaborating with our suppliers, we know we can help extend our sustainability commitments across our supply chain.

We expect our suppliers, and their subcontractors, to comply with all applicable laws and regulations and maintain just and decent working conditions, as outlined in our Business Ethics Guide (https://www.tennantco.com/en_ca/about-us/corporate-citizenship/ethics-and-business-conduct.html) and Human Rights Policy (https://www.tennantco.com/en_ca/blog/2021/12/human-rights-policy.html).

Our Supplier Core Expectations policy establishes expectations for our suppliers in forced labor and human trafficking, child labor, discrimination, reasonable working conditions and wages, anti-corruption, compliance, and reporting.

Furthermore, we expect our suppliers to conduct business in a way that demonstrates respect for the environment. Our suppliers should be alert to environmental issues and share in the commitment to prevent resource scarcity and conserve natural resources by reducing excess packaging and using recycled and non-toxic material whenever possible.
[Fixed row]

(5.11.5) Do your suppliers have to meet environmental requirements as part of your organization’s purchasing process?

Climate change

(5.11.5.1) Suppliers have to meet specific environmental requirements related to this environmental issue as part of the purchasing process

Select from:

☑ Yes, suppliers have to meet environmental requirements related to this environmental issue, but they are not included in our supplier contracts

(5.11.5.2) Policy in place for addressing supplier non-compliance

Select from:

☑ Yes, we have a policy in place for addressing non-compliance

(5.11.5.3) Comment

Tennant Company requires all Suppliers to comply with all local, national, and international environmental rules and regulations as applicable to their geography. If we determine through our assessment process that a supplier is not meeting the requirements and expectations, we will offer guidance for correction or improvement. We reserve the right, however, to cancel outstanding orders, suspend future orders, or terminate a relationship with a supplier as circumstances demand.
[Fixed row]

(5.11.6) Provide details of the environmental requirements that suppliers have to meet as part of your organization's purchasing process, and the compliance measures in place.

Climate change

(5.11.6.1) Environmental requirement

Select from:
☑ Other, please specify

(5.11.6.2) Mechanisms for monitoring compliance with this environmental requirement

Select all that apply
☑ Supplier self-assessment
☑ Other, please specify **:**Suppliers are provided Tennant Company's Supplier Core Expectations and Supplier Manual that document these expectations.

(5.11.6.3) % tier 1 suppliers by procurement spend required to comply with this environmental requirement

Select from:
☑ 100%

(5.11.6.4) % tier 1 suppliers by procurement spend in compliance with this environmental requirement

Select from:
☑ 100%

(5.11.6.7) % tier 1 supplier-related scope 3 emissions attributable to the suppliers required to comply with this environmental requirement

Select from:
☑ 76-99%

(5.11.6.8) % tier 1 supplier-related scope 3 emissions attributable to the suppliers in compliance with this environmental requirement

Select from:
☑ 76-99%

(5.11.6.9) Response to supplier non-compliance with this environmental requirement

Select from:
☑ Retain and engage

(5.11.6.10) % of non-compliant suppliers engaged

Select from:
☑ None

(5.11.6.11) Procedures to engage non-compliant suppliers

Select all that apply
☑ Providing information on appropriate actions that can be taken to address non-compliance

(5.11.6.12) Comment

% of Suppliers in conformance relates to only Direct Material Spend. Tennant Company is not aware of any Direct Material Supplier in violation of any of the expectations stated in the Core Expectations or Supplier manual.
[Add row]

(5.11.7) Provide further details of your organization's supplier engagement on environmental issues.

Climate change

(5.11.7.2) Action driven by supplier engagement

Select from:

☑ Other, please specify :Sustainability and ESG criteria, including climate-related topics, are incorporated into our supplier code of conduct.

(5.11.7.3) Type and details of engagement

Capacity building

☑ Other capacity building activity, please specify :Sustainability and ESG criteria, including climate-related topics, are incorporated into our supplier code of conduct. All suppliers receive Tennant's Code of Conduct/Core Expectations and are expected to comply with all criteria.

(5.11.7.4) Upstream value chain coverage

Select all that apply

☑ Tier 1 suppliers

☑ Tier 2 suppliers

☑ Tier 3 suppliers

☑ Tier 4+ suppliers

(5.11.7.5) % of tier 1 suppliers by procurement spend covered by engagement

Select from:

☑ 100%

(5.11.7.6) % of tier 1 supplier-related scope 3 emissions covered by engagement

Select from:

☑ 1-25%

(5.11.7.8) Number of tier 2+ suppliers engaged

0

(5.11.7.9) Describe the engagement and explain the effect of your engagement on the selected environmental action

In order to fully realize the ambitions outlined in our Thriving People. Healthy Planet. sustainability framework, we must also look to our supply chain. Our supply chain plays a vital role in our sustainability objectives, and we value the partnership with our suppliers in achieving them.

Sustainability and ESG criteria, including climate-related topics, are incorporated into our supplier core expectations (https://www.tennantco.com/en_us/aboutus/suppliers.html) that all suppliers receive. We expect our suppliers to adhere to this policy and maintain the highest ethical standards, with particular attention to corporate citizenship and sustainability. By collaborating with our suppliers, we know we can help extend our sustainability commitments across our supply chain.

A fundamental concept within our Thriving People. pillar is ensuring we positively affect the lives of those we engage with, both internally and externally, including our supply chain. We expect our suppliers and their subcontractors to comply with all applicable laws and regulations and maintain just and decent working conditions, as outlined in our Code of Conduct and Human Rights Policy (https://www.tennantco.com/en_ca/blog/2021/12/human-rights-policy.html). Our Supplier Core Expectations outlines our zero-tolerance policy relating to forced labor, human trafficking, child labor, and discrimination. It promotes reasonable working conditions and wages, anti-corruption, compliance, and reporting.

Tennant contributes to a healthier planet by reducing greenhouse gas emissions, improving product design and efficiency, and reducing waste. We expect our suppliers to do the same. Our suppliers should conduct business in a way that demonstrates respect for the environment and shares in our commitment to conserve natural resources.

Furthermore, we expect our suppliers to conduct business in a way that demonstrates respect for the environment. Our suppliers should be alert to environmental issues and share in the commitment to prevent resource scarcity and conserve natural resources by reducing excess packaging and using recycled and non-toxic material whenever possible. Our suppliers should minimize their business's negative environmental impact, particularly concerning material selection and the handling and disposal of hazardous material and other waste.

(5.11.7.10) Engagement is helping your tier 1 suppliers meet an environmental requirement related to this environmental issue

Select from:

☑ No, this engagement is unrelated to meeting an environmental requirement

(5.11.7.11) Engagement is helping your tier 1 suppliers engage with their own suppliers on the selected action

Select from:

☑ Unknown

[Add row]

(5.11.9) Provide details of any environmental engagement activity with other stakeholders in the value chain.

Climate change

(5.11.9.1) Type of stakeholder

Select from:

☑ Customers

(5.11.9.2) Type and details of engagement

Education/Information sharing

☑ Share information about your products and relevant certification schemes

(5.11.9.3) % of stakeholder type engaged

Select from:

☑ 100%

(5.11.9.4) % stakeholder-associated scope 3 emissions

Select from:

☑ 51-75%

(5.11.9.5) Rationale for engaging these stakeholders and scope of engagement

Tennant Company's Scope 3 – Category 11, Use of sold products is the largest portion of our value chain emissions. As such, we recognize the importance of engaging with all customers and increasing awareness around how our products can help them reduce their environmental impacts, including carbon emissions. We broadly communicate our product and technology environmental advantages through all sales channels.

Each product sold comes with an operator manual through which we provide essential product information to customers (100% of customers are covered). The specific information in the manuals depends on the product. Still, they generally provide information on safe use and how to minimize the environmental impact, such as proper waste disposal and battery maintenance.

Our Sales and Service teams are our primary method for engaging with and educating customers. They are the first to receive sustainability or climate-related questions and are provided educational opportunities (annual sales meeting) and have access to educational resources, including the brochures listed below, to help respond to these questions. The teams also partner with the Sustainability team, who is a resource to assist with responding to customers' questions and can provide educational opportunities as needed. Sales and Services teams receive emails to inform them of details on newly released products and updates to any sales collateral. Another way we engage with our customers is through the "Tennant Environmental Responsibility Brochure" that identifies which of our products have third-party certifications, such as Green Seal, and which products may contribute to LEED points. We update this regularly to ensure it has the most up-to-date information and is available on the sustainability page on our website: https://www.tennantco.com/en_us/about-us/sustainability.html.

Our sustainability webpage also has a "Lithium-ion Battery Recycling Program" guide to help customers responsibly manage the lithium-ion batteries from their machines. https://www.tennantco.com/en_us/about-us/sustainability.html

(5.11.9.6) Effect of engagement and measures of success

One way we measure the success of our customer engagement is by tracking our total Scope 3 – Category 11, Use of sold products emissions, which is 68% of total Scope 3 emissions. Specifically, our goal is to reduce emissions from the use of sold products by 45% by 2030.

Another way we measure the success of our customer engagement strategy is by evaluating the sales of our most popular eco-advantaged products. For example, Tennant Company's detergent-free ec-H2O technologies and products help customers achieve significant environmental footprint reduction, including avoiding carbon emissions.

We have used the Life Cycle Assessment model results to show our customers how ec-H2O can provide significant carbon emission reduction, among other environmental benefits. We consider this product family a tremendous success. It continues to produce both environmental impact reductions and significant revenue and profit contributions to our business.
[Add row]

(5.13) Has your organization already implemented any mutually beneficial environmental initiatives due to CDP Supply Chain member engagement?

(5.13.1) Environmental initiatives implemented due to CDP Supply Chain member engagement

Select from:
☑ No, and we do not plan to within the next two years

(5.13.2) Primary reason for not implementing environmental initiatives

Select from:

☑ Other, please specify **:**Tennant Company is not currently conducting supplier-specific environmental initiatives but has a broad pipeline of environmental projects that will be mutually beneficial to Tennant Company and supply chain members.

(5.13.3) Explain why your organization has not implemented any environmental initiatives

Tennant Company is targeting the areas determined to have the most impact over the course of our net-zero targets. While we do not plan to implement any supplier-specific projects, many of the initiatives we are conducting will have mutually beneficial environmental impacts for Tennant Company and our suppliers. As part of Tennant Company's SBTi-approved net-zero by 2040 targets, we are implementing emissions reduction projects throughout our value chain, which includes partnering with our customers and our suppliers.
[Fixed row]

C6. Environmental Performance - Consolidation Approach

(6.1) Provide details on your chosen consolidation approach for the calculation of environmental performance data.

Climate change

(6.1.1) Consolidation approach used

Select from:

☑ Operational control

(6.1.2) Provide the rationale for the choice of consolidation approach

Tennant Company reports based on the operational control method outlined in the Greenhouse Gas Protocol's Corporate Standard in line with our SBTi-validated net-zero targets.

The reporting boundary includes Tennant Company's owned and leased facilities and Sales & Service fleets. Based on an analysis of the facility ownership, rental, lease arrangements, and utility usage, we have identified 48 facilities as material. All fleets in countries with direct sales and service presence are within the reporting boundary. The facilities outside the boundary are, in the aggregate, less than 1% of our total emissions and energy consumption.

For more information regarding our greenhouse gas calculation methodology and policies, please refer to our Tennant Company Greenhouse Gas (GHG) Emissions Statement for the Year Ended December 31, 2023 on which Deloitte & Touche LLP has issued a limited assurance report dated June 27, 2024.

Water

(6.1.1) Consolidation approach used

Select from:

☑ Operational control

(6.1.2) Provide the rationale for the choice of consolidation approach

Tennant Company reports based on the operational control method outlined in the Greenhouse Gas Protocol's Corporate Standard in line with our SBTi-validated net-zero targets.

The reporting boundary includes Tennant Company's owned and leased facilities and Sales & Service fleets. Based on an analysis of the facility ownership, rental, lease arrangements, and utility usage, we have identified 48 facilities as material. All fleets in countries with direct sales and service presence are within the reporting boundary. The facilities outside the boundary are, in the aggregate, less than 1% of our total emissions and energy consumption.

For more information regarding our greenhouse gas calculation methodology and policies, please refer to our Tennant Company Greenhouse Gas (GHG) Emissions Statement for the Year Ended December 31, 2023 on which Deloitte & Touche LLP has issued a limited assurance report dated June 27, 2024.

Plastics

(6.1.1) Consolidation approach used

Select from:

☑ Operational control

(6.1.2) Provide the rationale for the choice of consolidation approach

Tennant Company reports based on the operational control method outlined in the Greenhouse Gas Protocol's Corporate Standard in line with our SBTi-validated net-zero targets.

The reporting boundary includes Tennant Company's owned and leased facilities and Sales & Service fleets. Based on an analysis of the facility ownership, rental, lease arrangements, and utility usage, we have identified 48 facilities as material. All fleets in countries with direct sales and service presence are within the reporting boundary. The facilities outside the boundary are, in the aggregate, less than 1% of our total emissions and energy consumption.

For more information regarding our greenhouse gas calculation methodology and policies, please refer to our Tennant Company Greenhouse Gas (GHG) Emissions Statement for the Year Ended December 31, 2023 on which Deloitte & Touche LLP has issued a limited assurance report dated June 27, 2024.

Biodiversity

(6.1.1) Consolidation approach used

Select from:

☑ Operational control

(6.1.2) Provide the rationale for the choice of consolidation approach

Tennant Company reports based on the operational control method outlined in the Greenhouse Gas Protocol's Corporate Standard in line with our SBTi-validated net-zero targets.

The reporting boundary includes Tennant Company's owned and leased facilities and Sales & Service fleets. Based on an analysis of the facility ownership, rental, lease arrangements, and utility usage, we have identified 48 facilities as material. All fleets in countries with direct sales and service presence are within the reporting boundary. The facilities outside the boundary are, in the aggregate, less than 1% of our total emissions and energy consumption.

For more information regarding our greenhouse gas calculation methodology and policies, please refer to our Tennant Company Greenhouse Gas (GHG) Emissions Statement for the Year Ended December 31, 2023 on which Deloitte & Touche LLP has issued a limited assurance report dated June 27, 2024.
[Fixed row]

C7. Environmental performance - Climate Change

(7.1.1) 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?

	Has there been a structural change?
	Select all that apply ☑ No

[Fixed row]

(7.1.2) 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?
	Select all that apply ☑ No

[Fixed row]

(7.3) Describe your organization’s approach to reporting Scope 2 emissions.

	Scope 2, location-based	Scope 2, market-based	Comment
	Select from: ☑ We are reporting a Scope 2, location-based figure	*Select from:* ☑ We are reporting a Scope 2, market-based figure	*NA*

[Fixed row]

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

Row 1

(7.4.1.1) Source of excluded emissions

Small facilities that do not meet the materiality threshold for inclusion in our GHG emissions calculations and reporting.

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

Select all that apply

☑ Scope 1

☑ Scope 2 (location-based)

☑ Scope 2 (market-based)

(7.4.1.3) Relevance of Scope 1 emissions from this source

Select from:

☑ Emissions are not relevant

(7.4.1.4) Relevance of location-based Scope 2 emissions from this source

Select from:

☑ Emissions are not relevant

(7.4.1.5) Relevance of market-based Scope 2 emissions from this source

Select from:

☑ Emissions are not relevant

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

1

(7.4.1.10) Explain why this source is excluded

We reassess our operational control boundary annually and did so in Q1 2024 for reporting the year 2023. What is not covered by this target are small facilities that use very little energy. All emissions from these facilities are less than 1% of the total emissions covered by the target reporting boundary. When conducting the annual boundary assessment, if we identify relevant emissions not previously reported, we recast prior year emissions to include them. No boundary-related adjustments are included in our CDP Climate Change 2024 response.

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

We estimated the percentage of emissions by estimating these small facilities' electricity and gas usage. This was done in one of two ways: looking at actual usage via utility bills or determining the facility's square footage. Primarily, these facilities are very small storage units to store a few demonstration machines.
[Add row]

(7.5) Provide your base year and base year emissions.

Scope 1

(7.5.1) Base year end

12/31/2021

(7.5.2) Base year emissions (metric tons CO2e)

24105.6

(7.5.3) Methodological details

The Greenhouse Gas Protocol: A Corporate Accounting and Reporting Standard (Revised Edition) US EPA Center for Corporate Climate Leadership: Direct Emissions from Stationary Combustion Sources

Scope 2 (location-based)

(7.5.1) Base year end

12/31/2021

(7.5.2) Base year emissions (metric tons CO2e)

10201.5

(7.5.3) Methodological details

The Greenhouse Gas Protocol: Scope 2 Guidance

Scope 2 (market-based)

(7.5.1) Base year end

12/31/2021

(7.5.2) Base year emissions (metric tons CO2e)

1903.6

(7.5.3) Methodological details

The Greenhouse Gas Protocol: Scope 2 Guidance US EPA Center for Corporate Climate Leadership: Indirect Emissions From Purchased Electricity

Scope 3 category 1: Purchased goods and services

(7.5.1) Base year end

12/31/2021

(7.5.2) Base year emissions (metric tons CO2e)

155795

(7.5.3) Methodological details

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

Scope 3 category 2: Capital goods

(7.5.1) Base year end

12/31/2021

(7.5.2) Base year emissions (metric tons CO2e)

723

(7.5.3) Methodological details

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

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

(7.5.1) Base year end

12/31/2021

(7.5.2) Base year emissions (metric tons CO2e)

3043.0

(7.5.3) Methodological details

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

Scope 3 category 4: Upstream transportation and distribution

(7.5.1) Base year end

12/31/2021

(7.5.2) Base year emissions (metric tons CO2e)

33515

(7.5.3) Methodological details

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

Scope 3 category 5: Waste generated in operations

(7.5.1) Base year end

12/31/2021

(7.5.2) Base year emissions (metric tons CO2e)

71.0

(7.5.3) Methodological details

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

Scope 3 category 6: Business travel

(7.5.1) Base year end

12/31/2021

(7.5.2) Base year emissions (metric tons CO2e)

1037

(7.5.3) Methodological details

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

Scope 3 category 7: Employee commuting

(7.5.1) Base year end

12/31/2021

(7.5.2) Base year emissions (metric tons CO2e)

10764

(7.5.3) Methodological details

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

Scope 3 category 8: Upstream leased assets

(7.5.3) Methodological details

Based on the screening assessment of emissions from this category, we determined it is not relevant. We will assess materiality at least once every five years, and if the relevance changes, we will calculate emissions from this category.

Scope 3 category 9: Downstream transportation and distribution

(7.5.3) Methodological details

Based on the screening assessment of emissions from this category, we determined it is not relevant. We will assess materiality at least once every five years, and if the relevance changes, we will calculate emissions from this category.

Scope 3 category 10: Processing of sold products

(7.5.3) Methodological details

Based on the screening assessment of emissions from this category, we determined it is not relevant. We will assess materiality at least once every five years, and if the relevance changes, we will calculate emissions from this category.

Scope 3 category 11: Use of sold products

(7.5.1) Base year end

12/31/2021

(7.5.2) Base year emissions (metric tons CO2e)

515997

(7.5.3) Methodological details

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

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

(7.5.1) Base year end

12/31/2021

(7.5.2) Base year emissions (metric tons CO2e)

5506

(7.5.3) Methodological details

Based on the screening assessment of emissions from this category, we determined it is not relevant; however, we did calculate this value. We will assess materiality at least once every five years, and if the relevance changes, we will calculate emissions from this category.

Scope 3 category 13: Downstream leased assets

(7.5.1) Base year end

12/31/2021

(7.5.2) Base year emissions (metric tons CO2e)

865

(7.5.3) Methodological details

Based on the screening assessment of emissions from this category, we determined it is not relevant; however, we did calculate this value. We will assess materiality at least once every five years, and if the relevance changes, we will calculate emissions from this category.

Scope 3 category 14: Franchises

(7.5.3) Methodological details

Based on the screening assessment of emissions from this category, we determined it is not relevant. We will assess materiality at least once every five years, and if the relevance changes, we will calculate emissions from this category.

Scope 3 category 15: Investments

(7.5.3) Methodological details

Based on the screening assessment of emissions from this category, we determined it is not relevant. We will assess materiality at least once every five years, and if the relevance changes, we will calculate emissions from this category.

Scope 3: Other (upstream)

(7.5.3) Methodological details

Not relevant or material.

Scope 3: Other (downstream)

(7.5.3) Methodological details

Not relevant or material.
[Fixed row]

(7.6) What were your organization’s gross global Scope 1 emissions in metric tons CO2e?

Reporting year

(7.6.1) Gross global Scope 1 emissions (metric tons CO2e)

21802.1

(7.6.3) Methodological details

All GHG emissions figures are in metric tonnes of carbon dioxide equivalents (CO2e). The global warming potentials (GWPs) are from the IPCC Fifth Assessment Report (AR5), 100-year average. In accordance with the GHG Protocol, carbon dioxide (CO2), methane (CH4), and nitrous oxide (N2O) are included in GHG accounting and reporting. Hydrofluorocarbons (HFCs), perfluorocarbons (PFCs), sulfur hexafluoride (SF6), and nitrogen trifluoride (NF3) emissions have been omitted as they are not material sources of GHG emissions. Scope 1 GHG emissions are direct emissions from owned or controlled sources, including stationary and mobile combustion. The data is collected from each facility and the corresponding emissions are calculated through the application of emissions factors.
[Fixed row]

(7.7) What were your organization’s gross global Scope 2 emissions in metric tons CO2e?

Reporting year

(7.7.1) Gross global Scope 2, location-based emissions (metric tons CO2e)

8371

(7.7.2) Gross global Scope 2, market-based emissions (metric tons CO2e) (if applicable)

837.4

(7.7.4) Methodological details

All GHG emissions figures are in metric tonnes of carbon dioxide equivalents (CO2e). The global warming potentials (GWPs) are from the IPCC Fifth Assessment Report (AR5), 100-year average. In accordance with the GHG Protocol, carbon dioxide (CO2), methane (CH4), and nitrous oxide (N2O) are included in GHG accounting and reporting. Hydrofluorocarbons (HFCs), perfluorocarbons (PFCs), sulfur hexafluoride (SF6), and nitrogen trifluoride (NF3) emissions have been omitted as they are not material sources of GHG emissions. Scope 2 GHG emissions are indirect emissions from purchased electricity. Both location-based and market-based Scope 2 emissions are calculated. The data is collected from each facility, and the corresponding emissions are calculated through the application of emissions factors.

Tennant's purchased Environmental Attribute Certificates (EACs), including Renewable Energy Credits (RECs) and Guarantees of Origin (GOs), are accounted for in our market-based Scope 2 emissions. The market-based method calculation also includes the use of residual mix emissions factors for purchased electricity data where EACs are not applied. The reporting organization can apply the Quality Criteria in the GHG Protocol Scope 2 Guidance so that the contractual instruments convey GHG emission rate claims and to prevent double counting. If a residual mix is unavailable, a grid-average emission factor is used as a proxy.
[Fixed row]

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

Purchased goods and services

(7.8.1) Evaluation status

Select from:

☑ Relevant, calculated

(7.8.2) Emissions in reporting year (metric tons CO2e)

148202

(7.8.3) Emissions calculation methodology

Select all that apply

☑ Spend-based method

(7.8.4) Percentage of emissions calculated using data obtained from suppliers or value chain partners

0

(7.8.5) Please explain

Annual spend on purchased goods and services is collected and the corresponding emissions are calculated through the application of emissions factors. Given the emission factors are based on 2022, deflation factors from the World Bank are utilized to convert the annual (FY2023) spend on purchased goods and services to 2022 USD. This category is included in our Tennant Company Greenhouse Gas (GHG) Emissions Statement for the Year Ended December 31, 2023 on which Deloitte & Touche LLP has issued a limited assurance report dated June 27, 2024.

Capital goods

(7.8.1) Evaluation status

Select from:

☑ Not relevant, calculated

(7.8.2) Emissions in reporting year (metric tons CO2e)

4160

(7.8.3) Emissions calculation methodology

Select all that apply

☑ Spend-based method

(7.8.4) Percentage of emissions calculated using data obtained from suppliers or value chain partners

0

(7.8.5) Please explain

Annual spend on capital goods is collected and the corresponding emissions are calculated through the application of emissions factors. Given the emission factors are based on 2022, deflation factors from the World Bank are utilized to convert the annual (FY2023) spend on purchased goods and services to 2022 USD. Capital goods suppliers with relatively small expenditures (contributing to the bottom 5% of the total expenditure) were excluded because their environmental impact is considered not material. We determined this category is not relevant (less than 1% of total GHG emissions) based on a quantitative analysis of 2023 data.

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

(7.8.1) Evaluation status

Select from:

☑ Not evaluated

(7.8.5) Please explain

Not relevant or material.

Upstream transportation and distribution

(7.8.1) Evaluation status

Select from:

☑ Relevant, calculated

(7.8.2) Emissions in reporting year (metric tons CO2e)

64842

(7.8.3) Emissions calculation methodology

Select all that apply

☑ Spend-based method

(7.8.4) Percentage of emissions calculated using data obtained from suppliers or value chain partners

0

(7.8.5) Please explain

Annual spend on transportation and distribution of products is collected and the corresponding emissions are calculated through the application of emissions factors. Given the emission factors are based on 2018 USD, deflation factors based on the U.S. Bureau of Labor Statistics CPI are utilized to convert the annual spend on transportation and distribution to 2018 USD. This category is included in our Tennant Company Greenhouse Gas (GHG) Emissions Statement for the Year Ended December 31, 2023 on which Deloitte & Touche LLP has issued a limited assurance report dated June 27, 2024.

Waste generated in operations

(7.8.1) Evaluation status

Select from:

☑ Not relevant, calculated

(7.8.2) Emissions in reporting year (metric tons CO2e)

1026

(7.8.3) Emissions calculation methodology

Select all that apply

☑ Average data method

(7.8.4) Percentage of emissions calculated using data obtained from suppliers or value chain partners

0

(7.8.5) Please explain

Waste data is collected across operations and the corresponding emissions are calculated through the application of US EPA, DEFRA, ADEME, and EC emissions factors.

Business travel

(7.8.1) Evaluation status

Select from:

☑ Not relevant, calculated

(7.8.2) Emissions in reporting year (metric tons CO2e)

2495

(7.8.3) Emissions calculation methodology

Select all that apply

☑ Spend-based method

(7.8.4) Percentage of emissions calculated using data obtained from suppliers or value chain partners

0

(7.8.5) Please explain

Annual spend on business travel, by type, is collected and the corresponding emissions are calculated through the application of Exiobase emissions factors.

Employee commuting

(7.8.1) Evaluation status

Select from:

☑ Not relevant, calculated

(7.8.2) Emissions in reporting year (metric tons CO2e)

2201

(7.8.3) Emissions calculation methodology

Select all that apply

☑ Average data method

(7.8.4) Percentage of emissions calculated using data obtained from suppliers or value chain partners

0

(7.8.5) Please explain

We collect the total number of employees and remote employees per country data and apply U.S. EPA emissions factors. Given the emission factors are based on 2020 USD, deflation factors based on the U.S. Bureau of Labor Statistics CPI are utilized to convert the annual spend on transportation and distribution to 2020 USD.

Upstream leased assets

(7.8.1) Evaluation status

Select from:

☑ Not evaluated

(7.8.5) Please explain

Not relevant or material.

Downstream transportation and distribution

(7.8.1) Evaluation status

Select from:

☑ Not evaluated

(7.8.5) Please explain

Not relevant or material.

Processing of sold products

(7.8.1) Evaluation status

Select from:

☑ Not evaluated

(7.8.5) Please explain

Not relevant or material.

Use of sold products

(7.8.1) Evaluation status

Select from:

☑ Relevant, calculated

(7.8.2) Emissions in reporting year (metric tons CO2e)

473784

(7.8.3) Emissions calculation methodology

Select all that apply

☑ Other, please specify

(7.8.4) Percentage of emissions calculated using data obtained from suppliers or value chain partners

0

(7.8.5) Please explain

Annual, model-specific, and geographic-specific machine sales are utilized to calculate category 11 emissions. Each machine has characteristics based on model specifications: Machine average power consumption per hour (both for electricity and fuel usage), Average hours of operation, Average number of times used each year, Average machine life. These values are determined using a combination of engineering data, customer use data, a baseline LCA for a representative machine for indirect emissions, and field expertise. Using these values, an average total power consumption over the machine's life can be used with a geography specific emissions factor to determine lifetime category 11 emissions, which are entirely accounted for in the year of sale. This category is included in our Tennant Company Greenhouse Gas (GHG) Emissions Statement for the Year Ended December 31, 2023 on which Deloitte & Touche LLP has issued a limited assurance report dated June 27, 2024.

End of life treatment of sold products

(7.8.1) Evaluation status

Select from:
☑ Not evaluated

(7.8.5) Please explain

Not relevant or material.

Downstream leased assets

(7.8.1) Evaluation status

Select from:
☑ Not evaluated

(7.8.5) Please explain

Not relevant or material.

Franchises

(7.8.1) Evaluation status

Select from:
☑ Not evaluated

(7.8.5) Please explain

Not relevant or material.

Investments

(7.8.1) Evaluation status

Select from:
☑ Not evaluated

(7.8.5) Please explain

Not relevant or material.

Other (upstream)

(7.8.1) Evaluation status

Select from:
☑ Not evaluated

(7.8.5) Please explain

Not relevant or material.

Other (downstream)

(7.8.1) Evaluation status

Select from:
☑ Not evaluated

(7.8.5) Please explain

Not relevant or material.
[Fixed row]

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

	Verification/assurance status
Scope 1	*Select from:* ☑ Third-party verification or assurance process in place
Scope 2 (location-based or market-based)	*Select from:* ☑ Third-party verification or assurance process in place
Scope 3	*Select from:* ☑ Third-party verification or assurance process in place

[Fixed row]

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

Row 1

(7.9.1.1) Verification or assurance cycle in place

Select from:
☑ Annual process

(7.9.1.2) Status in the current reporting year

Select from:
☑ Complete

(7.9.1.3) Type of verification or assurance

Select from:
☑ Limited assurance

(7.9.1.4) Attach the statement

Tennant-2023-Statement-and-Third-Party-Assurance-Report.pdf

(7.9.1.5) Page/section reference

All; pg. 1-7

(7.9.1.6) Relevant standard

Select from:
☑ Attestation standards established by AICPA (AT105)

(7.9.1.7) Proportion of reported emissions verified (%)

100
[Add row]

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

Row 1

(7.9.2.1) Scope 2 approach

Select from:
☑ Scope 2 market-based

(7.9.2.2) Verification or assurance cycle in place

Select from:
☑ Annual process

(7.9.2.3) Status in the current reporting year

Select from:
☑ Complete

(7.9.2.4) Type of verification or assurance

Select from:
☑ Limited assurance

(7.9.2.5) Attach the statement

Tennant-2023-Statement-and-Third-Party-Assurance-Report.pdf

(7.9.2.6) Page/ section reference

All; pg. 1-7

(7.9.2.7) Relevant standard

Select from:
☑ Attestation standards established by AICPA (AT105)

(7.9.2.8) Proportion of reported emissions verified (%)

100

Row 2

(7.9.2.1) Scope 2 approach

Select from:
☑ Scope 2 location-based

(7.9.2.2) Verification or assurance cycle in place

Select from:

☑ Annual process

(7.9.2.3) Status in the current reporting year

Select from:
☑ Complete

(7.9.2.4) Type of verification or assurance

Select from:
☑ Limited assurance

(7.9.2.5) Attach the statement

Tennant-2023-Statement-and-Third-Party-Assurance-Report.pdf

(7.9.2.6) Page/ section reference

All; pg. 1-7

(7.9.2.7) Relevant standard

Select from:
☑ Attestation standards established by AICPA (AT105)

(7.9.2.8) Proportion of reported emissions verified (%)

100
[Add row]

(7.9.3) Provide further details of the verification/assurance undertaken for your Scope 3 emissions and attach the relevant statements.

Row 1

(7.9.3.1) Scope 3 category

Select all that apply

☑ Scope 3: Purchased goods and services

☑ Scope 3: Upstream transportation and distribution

☑ Scope 3: Use of sold products

(7.9.3.2) Verification or assurance cycle in place

Select from:

☑ Annual process

(7.9.3.3) Status in the current reporting year

Select from:

☑ Complete

(7.9.3.4) Type of verification or assurance

Select from:

☑ Limited assurance

(7.9.3.5) Attach the statement

Tennant-2023-Statement-and-Third-Party-Assurance-Report.pdf

(7.9.3.6) Page/section reference

All; pages 1-7

(7.9.3.7) Relevant standard

Select from:

☑ Attestation standards established by AICPA (AT105)

(7.9.3.8) Proportion of reported emissions verified (%)

99
[Add row]

(7.10.1) 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 renewable energy consumption

(7.10.1.1) Change in emissions (metric tons CO2e)

519.6

(7.10.1.2) Direction of change in emissions

Select from:
☑ Decreased

(7.10.1.3) Emissions value (percentage)

2.11

(7.10.1.4) Please explain calculation

The change in emissions because of the consumption of self-generated or purchased renewable energy:

In 2022, 25.09 MWh of renewable energy was generated from Tennant's on-site solar panels at our factory in Brazil. These were active starting in May 2022. In 2023, the solar panels produced 92.09 MWh of renewable energy.

In 2022 and 2023, Tennant purchased RECs and GOs. Renewable energy purchases are accounted for in our market-based Scope 2 figure reporting in 7.7.

Scope 1 emissions
2022: 23,237 mtCO2e
2023: 21,802.1 mtCO2e

Scope 1 and 2 market-based emissions
2022: 24,594 mtCO2e
2023: 22,639.5 mtCO2e

Total electricity consumed (electricity from grid + generated renewable energy from Brazil solar panels)
2022: 23,871 MWh
2023: 18,834 MWh

Change in total electricity consumption YoY = -3317 MWh or -13.89%

Scope 2 Emissions; total electricity emissions (electricity from grid + RECs + generated renewable energy)
2022: 1357 mtCO2e
2023: 837.4 mtCO2e

Change in total electricity emissions = -519.6 mtCO2e (the change in emissions due to generated and purchased renewable energy as opposed to electricity consumption before considering purchased and generated renewable energy).

Emissions value percentage calculation
Change in RE consumption: (519.6 mtCO2e / 22,639.5 mtCO2e) x 100 = 2.11%

The change in emissions from renewable energy consumption represents 2.11% of Tennant's 2023 scope 1 and 2 market-based emissions.

Other emissions reduction activities

(7.10.1.1) Change in emissions (metric tons CO2e)

514

(7.10.1.2) Direction of change in emissions

Select from:
☑ Decreased

(7.10.1.3) Emissions value (percentage)

3.45

(7.10.1.4) Please explain calculation

To achieve our net-zero by 2040 targets, we will reduce emissions from our global vehicle fleet by 40% by 2030 and 100% by 2040.

In 2023, we established an impact area workstream team dedicated to reducing emissions from our global vehicle fleet. The team identified areas to incorporate electric vehicles into our fleet, initiated a refresh of our fleet management policies, and began developing other driver behavior initiatives to help further reduce emissions.

2023 global fleet emissions = 14,389 mtCO2e
14,389 is 65.99% of our 2023 total Scope 1 emissions ((14389/21802.1)x100 = 65.99%) and 63.65% of our combined Scope 1 and 2 market-based emissions ((14389/22639.5)x100 = 63.56%))

2022 global fleet emissions = 14,903 mtCO2e Change in emissions from 2022 to 2023 from our fleet - 514 mtCO2e

2023 GHG emissions from our global fleet decreased by 3.45% from 2022. ((14,903 mtCO2e – 14,389 mtCO2e) / 14,903 mtCO2e) x 100 = 3.45%

Divestment

(7.10.1.1) Change in emissions (metric tons CO2e)

0

(7.10.1.2) Direction of change in emissions

Select from:
☑ No change

(7.10.1.3) Emissions value (percentage)

0

(7.10.1.4) Please explain calculation

Not applicable for 2023.

Acquisitions

(7.10.1.1) Change in emissions (metric tons CO2e)

0

(7.10.1.2) Direction of change in emissions

Select from:
☑ No change

(7.10.1.3) Emissions value (percentage)

0

(7.10.1.4) Please explain calculation

Not applicable for 2023.

Mergers

(7.10.1.1) Change in emissions (metric tons CO2e)

0

(7.10.1.2) Direction of change in emissions

Select from:
☑ No change

(7.10.1.3) Emissions value (percentage)

0

(7.10.1.4) Please explain calculation

Not applicable for 2023.

Change in output

(7.10.1.1) Change in emissions (metric tons CO2e)

0

(7.10.1.2) Direction of change in emissions

Select from:
☑ No change

(7.10.1.3) Emissions value (percentage)

0

(7.10.1.4) Please explain calculation

Our 2023 total revenue increased when compared to 2022. However, this did not have a significant impact on our year-over-year emissions.

Change in methodology

(7.10.1.1) Change in emissions (metric tons CO2e)

0

(7.10.1.2) Direction of change in emissions

Select from:
☑ No change

(7.10.1.3) Emissions value (percentage)

0

(7.10.1.4) Please explain calculation

Not applicable for 2023.

Change in boundary

(7.10.1.1) Change in emissions (metric tons CO2e)

0

(7.10.1.2) Direction of change in emissions

Select from:
☑ No change

(7.10.1.3) Emissions value (percentage)

0

(7.10.1.4) Please explain calculation

Not applicable for 2023.

Change in physical operating conditions

(7.10.1.1) Change in emissions (metric tons CO2e)

0

(7.10.1.2) Direction of change in emissions

Select from:
☑ No change

(7.10.1.3) Emissions value (percentage)

0

(7.10.1.4) Please explain calculation

Not applicable for 2023.

Unidentified

(7.10.1.1) Change in emissions (metric tons CO2e)

0

(7.10.1.2) Direction of change in emissions

Select from:
☑ No change

(7.10.1.3) Emissions value (percentage)

0

(7.10.1.4) Please explain calculation

Not applicable for 2023.

Other

(7.10.1.1) Change in emissions (metric tons CO2e)

0

(7.10.1.2) Direction of change in emissions

Select from:
☑ No change

(7.10.1.3) Emissions value (percentage)

0

(7.10.1.4) Please explain calculation

Not applicable for 2023.
[Fixed row]

(7.11.1) For each Scope 3 category calculated in 7.8, specify how your emissions compare to the previous year and identify the reason for any change.

Purchased goods and services

(7.11.1.1) Direction of change

Select from:
☑ Increased

(7.11.1.2) Primary reason for change

Select from:
☑ Other, please specify **:**Increased spending with suppliers.

(7.11.1.3) Change in emissions in this category (metric tons CO2e)

19187

(7.11.1.4) % change in emissions in this category

15

(7.11.1.5) Please explain

Emissions increased from 2022 to 2023 in Scope 3, Category 1 due increased spending in our supply chain. 2023 was a record year of sales for Tennant Company, which naturally led to additional spending with our suppliers to keep up with production rates (much of production was reducing a significant backlog as well).

Capital goods

(7.11.1.1) Direction of change

Select from:

☑ Increased

(7.11.1.2) Primary reason for change

Select from:

☑ Other, please specify

(7.11.1.3) Change in emissions in this category (metric tons CO2e)

1697

(7.11.1.4) % change in emissions in this category

69

(7.11.1.5) Please explain

Emissions increased from 2022 to 2023 in Scope 3, Category 2 due increased spending. 2023 was a record year of sales for Tennant Company, which naturally led to additional spending with our suppliers and value chain to keep up with production rates (much of production was reducing a significant backlog as well).

Upstream transportation and distribution

(7.11.1.1) Direction of change

Select from:

☑ Decreased

(7.11.1.2) Primary reason for change

Select from:

☑ Other, please specify **:**Decreased spending across transportation and distribution modes.

(7.11.1.3) Change in emissions in this category (metric tons CO2e)

20984

(7.11.1.4) % change in emissions in this category

24

(7.11.1.5) Please explain

Emissions decreased in 2023 compared to 2022 because our spend across the different transportation and distribution modes (air, road, ocean) varied year over year.

Waste generated in operations

(7.11.1.1) Direction of change

Select from:
☑ Increased

(7.11.1.2) Primary reason for change

Select from:
☑ Other, please specify **:**In 2023 in alignment with the activation and implementation of our sustainability framework, we expanded our collection of waste data to more facilities and to include more waste streams. The increase in emissions is due to collecting more data.

(7.11.1.3) Change in emissions in this category (metric tons CO2e)

422

(7.11.1.4) % change in emissions in this category

70

(7.11.1.5) Please explain

In 2023 in alignment with the activation and implementation of our sustainability framework, we expanded our collection of waste data to more facilities and to include more waste streams. The increase in emissions is due to collecting more data.

Business travel

(7.11.1.1) Direction of change

Select from:

☑ Decreased

(7.11.1.2) Primary reason for change

Select from:

☑ Other, please specify **:**Spend for business travel decreased

(7.11.1.3) Change in emissions in this category (metric tons CO2e)

1651

(7.11.1.4) % change in emissions in this category

40

(7.11.1.5) Please explain

Emissions decreased in 2023 compared to 2022 because our business travel spend decreased in 2023, as it varies year to year.

Employee commuting

(7.11.1.1) Direction of change

Select from:

☑ Decreased

(7.11.1.2) Primary reason for change

Select from:

☑ Other, please specify **:**Less commuting.

(7.11.1.3) Change in emissions in this category (metric tons CO2e)

3664

(7.11.1.4) % change in emissions in this category

62

(7.11.1.5) Please explain

Emissions decreased in 2023 compared to 2022 because there was less commuting to work (more employees working remote or hybrid).

Use of sold products

(7.11.1.1) Direction of change

Select from:

☑ Decreased

(7.11.1.2) Primary reason for change

Select from:

☑ Other, please specify **:**More electric machines sold; grids are becoming more energy efficient and "green."

(7.11.1.3) Change in emissions in this category (metric tons CO2e)

3365

(7.11.1.4) % change in emissions in this category

1

(7.11.1.5) Please explain

Emissions decreased in 2023 from 2022. Despite record year sales for Tennant Company machines, our emissions from the Use-phase decreased slightly. This is mainly due to electricity grids getting greener worldwide. Additionally, there is increasing demand from customers to move away from IC machines and utilize electric machines in their stead, creating smaller power draw requirements and less emissions.
[Fixed row]

(7.16) Break down your total gross global Scope 1 and 2 emissions by country/area.

Australia

(7.16.1) Scope 1 emissions (metric tons CO2e)

374.61

(7.16.2) Scope 2, location-based (metric tons CO2e)

81.77

(7.16.3) Scope 2, market-based (metric tons CO2e)

81.77

Belgium

(7.16.1) Scope 1 emissions (metric tons CO2e)

101.35

(7.16.2) Scope 2, location-based (metric tons CO2e)

9.3

(7.16.3) Scope 2, market-based (metric tons CO2e)

9.11

Brazil

(7.16.1) Scope 1 emissions (metric tons CO2e)

548.44

(7.16.2) Scope 2, location-based (metric tons CO2e)

15.39

(7.16.3) Scope 2, market-based (metric tons CO2e)

15.39

Canada

(7.16.1) Scope 1 emissions (metric tons CO2e)

665.99

(7.16.2) Scope 2, location-based (metric tons CO2e)

1.69

(7.16.3) Scope 2, market-based (metric tons CO2e)

0.13

China

(7.16.1) Scope 1 emissions (metric tons CO2e)

301.15

(7.16.2) Scope 2, location-based (metric tons CO2e)

610.28

(7.16.3) Scope 2, market-based (metric tons CO2e)

610.28

France

(7.16.1) Scope 1 emissions (metric tons CO2e)

772.73

(7.16.2) Scope 2, location-based (metric tons CO2e)

1.42

(7.16.3) Scope 2, market-based (metric tons CO2e)

0.12

Germany

(7.16.1) Scope 1 emissions (metric tons CO2e)

1130.88

(7.16.2) Scope 2, location-based (metric tons CO2e)

46.21

(7.16.3) Scope 2, market-based (metric tons CO2e)

6.17

India

(7.16.1) Scope 1 emissions (metric tons CO2e)

7.24

(7.16.2) Scope 2, location-based (metric tons CO2e)

25.8

(7.16.3) Scope 2, market-based (metric tons CO2e)

25.8

Italy

(7.16.1) Scope 1 emissions (metric tons CO2e)

1453.66

(7.16.2) Scope 2, location-based (metric tons CO2e)

1823.98

(7.16.3) Scope 2, market-based (metric tons CO2e)

0

Japan

(7.16.1) Scope 1 emissions (metric tons CO2e)

0.26

(7.16.2) Scope 2, location-based (metric tons CO2e)

18.65

(7.16.3) Scope 2, market-based (metric tons CO2e)

18.65

Mexico

(7.16.1) Scope 1 emissions (metric tons CO2e)

342.55

(7.16.2) Scope 2, location-based (metric tons CO2e)

16.99

(7.16.3) Scope 2, market-based (metric tons CO2e)

16.99

Netherlands

(7.16.1) Scope 1 emissions (metric tons CO2e)

959.23

(7.16.2) Scope 2, location-based (metric tons CO2e)

487.43

(7.16.3) Scope 2, market-based (metric tons CO2e)

0

New Zealand

(7.16.1) Scope 1 emissions (metric tons CO2e)

29.73

(7.16.2) Scope 2, location-based (metric tons CO2e)

0

(7.16.3) Scope 2, market-based (metric tons CO2e)

0

Norway

(7.16.1) Scope 1 emissions (metric tons CO2e)

84.91

(7.16.2) Scope 2, location-based (metric tons CO2e)

4.43

(7.16.3) Scope 2, market-based (metric tons CO2e)

0

Portugal

(7.16.1) Scope 1 emissions (metric tons CO2e)

190.02

(7.16.2) Scope 2, location-based (metric tons CO2e)

2.92

(7.16.3) Scope 2, market-based (metric tons CO2e)

8.25

Spain

(7.16.1) Scope 1 emissions (metric tons CO2e)

543.4

(7.16.2) Scope 2, location-based (metric tons CO2e)

25.17

(7.16.3) Scope 2, market-based (metric tons CO2e)

41.22

United Kingdom of Great Britain and Northern Ireland

(7.16.1) Scope 1 emissions (metric tons CO2e)

1094.58

(7.16.2) Scope 2, location-based (metric tons CO2e)

39.39

(7.16.3) Scope 2, market-based (metric tons CO2e)

3.55

United States of America

(7.16.1) Scope 1 emissions (metric tons CO2e)

13201.36

(7.16.2) Scope 2, location-based (metric tons CO2e)

5159.76

(7.16.3) Scope 2, market-based (metric tons CO2e)

0
[Fixed row]

(7.17.1) Break down your total gross global Scope 1 emissions by business division.

	Business division	Scope 1 emissions (metric ton CO2e)
Row 1	*Americas - North, Central, and South America*	*14758.35*
Row 3	*EMEA - Europe, Middle East, and Africa*	*6330.76*
Row 4	*APAC - Asia Pacific*	*712.99*

[Add row]

(7.20.1) 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)
Row 1	*Americas - North, Central, and South America*	*5193.84*	*32.52*
Row 2	*EMEA - Europe, Middle East, and Africa*	*2440.26*	*68.41*
Row 3	*APAC - Asia Pacific*	*736.49*	*736.49*

[Add row]

(7.22) Break down your gross Scope 1 and Scope 2 emissions between your consolidated accounting group and other entities included in your response.

Consolidated accounting group

(7.22.1) Scope 1 emissions (metric tons CO2e)

21802.1

(7.22.2) Scope 2, location-based emissions (metric tons CO2e)

8371

(7.22.3) Scope 2, market-based emissions (metric tons CO2e)

837.4

(7.22.4) Please explain

Tennant does not have any joint-ventures or unconsolidated entities.

All other entities

(7.22.1) Scope 1 emissions (metric tons CO2e)

0

(7.22.2) Scope 2, location-based emissions (metric tons CO2e)

0

(7.22.3) Scope 2, market-based emissions (metric tons CO2e)

0

(7.22.4) Please explain

Tennant does not have any joint-ventures or unconsolidated entities.
[Fixed row]

(7.27) What are the challenges in allocating emissions to different customers, and what would help you to overcome these challenges?

Row 1

(7.27.1) Allocation challenges

Select from:

☑ Diversity of product lines makes accurately accounting for each product/product line cost ineffective

(7.27.2) Please explain what would help you overcome these challenges

In 2017 we developed a framework, methodology, and tool for more accurately calculating our Scope 3 – Category 11, Use of sold products emissions. The tool includes the majority of our product portfolio and all energy-consuming equipment. This tool was used to set a science-based target for reducing Scope 3 – Category 11, Use of sold products emissions. Using this tool for Scope 3 emission allocation to Requesting Members has significantly improved over the previous methodology. Many of our products have multiple configurations and options available. They can also be operated in various settings. These factors make it difficult for an exact accounting of emissions. We use the tool's representative, average machine configurations and normal operating conditions described above. As an independent quality check, each year, including 2023, use of sold products emissions are assured by a 3rd party assurance firm. Our total calculated 2023 use of sold products

emissions is included in our Tennant Company Greenhouse Gas (GHG) Emissions Statement for the Year Ended December 31, 2023 on which Deloitte & Touche LLP has issues a limited assurance report dated June 27, 2024. We have performed Life Cycle Assessments (LCAs) for representative products. The LCA work helps define reasonable assumptions for product-based accounting. We strive for continuous improvement in the methods used to allocate emissions to different customers.
[Add row]

(7.28) Do you plan to develop your capabilities to allocate emissions to your customers in the future?

(7.28.1) Do you plan to develop your capabilities to allocate emissions to your customers in the future?

Select from:
☑ Yes

(7.28.2) Describe how you plan to develop your capabilities

Currently, Tennant Company provides emissions data for customers who make a formal request through CDP. However, the calculation method is on a customer-by-customer basis and is difficult to scale. This level of response for our total customer base would be impossible - future development will drive towards automation of calculations for customers who request through CDP. As we conduct additional LCAs and refine assumptions, we will enhance the accuracy of Scope 3 allocation to customers if appropriate.
[Fixed row]

(7.30) 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)	*Select from:* ☑ Yes

	Indicate whether your organization undertook this energy-related activity in the reporting year
Consumption of purchased or acquired electricity	*Select from:* ☑ Yes
Consumption of purchased or acquired heat	*Select from:* ☑ Yes
Consumption of purchased or acquired steam	*Select from:* ☑ No
Consumption of purchased or acquired cooling	*Select from:* ☑ No
Generation of electricity, heat, steam, or cooling	*Select from:* ☑ Yes

[Fixed row]

(7.30.1) Report your organization’s energy consumption totals (excluding feedstocks) in MWh.

Consumption of fuel (excluding feedstock)

(7.30.1.1) Heating value

Select from:
☑ HHV (higher heating value)

(7.30.1.2) MWh from renewable sources

74.49

(7.30.1.3) MWh from non-renewable sources

60790.48

(7.30.1.4) Total (renewable and non-renewable) MWh

60864.96

Consumption of purchased or acquired electricity

(7.30.1.1) Heating value

Select from:
☑ Unable to confirm heating value

(7.30.1.2) MWh from renewable sources

37484.56

(7.30.1.3) MWh from non-renewable sources

3428.19

(7.30.1.4) Total (renewable and non-renewable) MWh

40912.75

Consumption of purchased or acquired heat

(7.30.1.1) Heating value

Select from:
☑ HHV (higher heating value)

(7.30.1.2) MWh from renewable sources

0

(7.30.1.3) MWh from non-renewable sources

42036.33

(7.30.1.4) Total (renewable and non-renewable) MWh

42036.33

Consumption of self-generated non-fuel renewable energy

(7.30.1.1) Heating value

Select from:
☑ Unable to confirm heating value

(7.30.1.2) MWh from renewable sources

92.09

(7.30.1.4) Total (renewable and non-renewable) MWh

92.09

Total energy consumption

(7.30.1.1) Heating value

Select from:
☑ Unable to confirm heating value

(7.30.1.2) MWh from renewable sources

37651.14

(7.30.1.3) MWh from non-renewable sources

106255

(7.30.1.4) Total (renewable and non-renewable) MWh

143906.13
[Fixed row]

(7.30.6) 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	*Select from:* ☑ No
Consumption of fuel for the generation of heat	*Select from:* ☑ Yes
Consumption of fuel for the generation of steam	*Select from:* ☑ No
Consumption of fuel for the generation of cooling	*Select from:* ☑ No
Consumption of fuel for co-generation or tri-generation	*Select from:* ☑ No

[Fixed row]

(7.30.7) State how much fuel in MWh your organization has consumed (excluding feedstocks) by fuel type.

Sustainable biomass

(7.30.7.1) Heating value

Select from:
☑ HHV

(7.30.7.2) Total fuel MWh consumed by the organization

0

(7.30.7.8) Comment

Not applicable for 2023.

Other biomass

(7.30.7.1) Heating value

Select from:
☑ HHV

(7.30.7.2) Total fuel MWh consumed by the organization

0

(7.30.7.8) Comment

Not applicable for 2023.

Other renewable fuels (e.g. renewable hydrogen)

(7.30.7.1) Heating value

Select from:
☑ HHV

(7.30.7.2) Total fuel MWh consumed by the organization

74.48

(7.30.7.8) Comment

This comes from 1,872.89 gallons of bioethanol (E85) consumed in 2023 by some of our fleet vehicles.

Coal

(7.30.7.1) Heating value

Select from:
☑ HHV

(7.30.7.2) Total fuel MWh consumed by the organization

0

(7.30.7.8) Comment

Not applicable for 2023.

Oil

(7.30.7.1) Heating value

Select from:
☑ HHV

(7.30.7.2) Total fuel MWh consumed by the organization

0

(7.30.7.8) Comment

Not applicable for 2023.

Gas

(7.30.7.1) Heating value

Select from:
☑ HHV

(7.30.7.2) Total fuel MWh consumed by the organization

41789.5

(7.30.7.8) Comment

This comes from natural gas consumed in our facilities for heating and process use.

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

(7.30.7.1) Heating value

Select from:
☑ HHV

(7.30.7.2) Total fuel MWh consumed by the organization

61037.3

(7.30.7.8) Comment

This comes from diesel, gasoline, ethanol, propane, and liquid propane consumed in 2023 by our fleet vehicles and manufacturing processes.

Total fuel

(7.30.7.1) Heating value

Select from:
☑ HHV

(7.30.7.2) Total fuel MWh consumed by the organization

102901.29

(7.30.7.8) Comment

This is the sum of all our renewable fuels, non-renewable fuels, and natural gas used in our manufacturing facilities and fleet vehicles.
[Fixed row]

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

Electricity

(7.30.9.1) Total Gross generation (MWh)

92.09

(7.30.9.2) Generation that is consumed by the organization (MWh)

92.09

(7.30.9.3) Gross generation from renewable sources (MWh)

92.09

(7.30.9.4) Generation from renewable sources that is consumed by the organization (MWh)

92.09

Heat

(7.30.9.1) Total Gross generation (MWh)

0

(7.30.9.2) Generation that is consumed by the organization (MWh)

0

(7.30.9.3) Gross generation from renewable sources (MWh)

0

(7.30.9.4) Generation from renewable sources that is consumed by the organization (MWh)

0

Steam

(7.30.9.1) Total Gross generation (MWh)

0

(7.30.9.2) Generation that is consumed by the organization (MWh)

0

(7.30.9.3) Gross generation from renewable sources (MWh)

0

(7.30.9.4) Generation from renewable sources that is consumed by the organization (MWh)

0

Cooling

(7.30.9.1) Total Gross generation (MWh)

0

(7.30.9.2) Generation that is consumed by the organization (MWh)

0

(7.30.9.3) Gross generation from renewable sources (MWh)

0

(7.30.9.4) Generation from renewable sources that is consumed by the organization (MWh)

0
[Fixed row]

(7.30.14) 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 7.7.

Row 1

(7.30.14.1) Country/area

Select from:
☑ United States of America

(7.30.14.2) Sourcing method

Select from:
☑ Unbundled procurement of energy attribute certificates (EACs)

(7.30.14.3) Energy carrier

Select from:
☑ Electricity

(7.30.14.4) Low-carbon technology type

Select from:
☑ Renewable energy mix, please specify :GREEN-E® - wind North American Renewables Registry - sustainable biomass

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

11069.77

(7.30.14.6) Tracking instrument used

Select from:
☑ Other, please specify :US-REC GO

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

Select from:
☑ United States of America

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

Select from:
☑ No

(7.30.14.10) Comment

11,069.77 kWh of RECs and GOs certified by the North American Renewables Registry - APX and GREEN-E. Tennant's scope 2 market-based emissions for the US were 0.00 mtCO2e in 2023 due to the application of the aforementioned applied RECs and GOs.

Row 2

(7.30.14.1) Country/area

Select from:

☑ United Kingdom of Great Britain and Northern Ireland

(7.30.14.2) Sourcing method

Select from:

☑ Unbundled procurement of energy attribute certificates (EACs)

(7.30.14.3) Energy carrier

Select from:

☑ Electricity

(7.30.14.4) Low-carbon technology type

Select from:

☑ Renewable energy mix, please specify **:**Wind and solar

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

180.51

(7.30.14.6) Tracking instrument used

Select from:

☑ GO

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

Select from:

☑ Norway

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

Select from:

☑ No

(7.30.14.10) Comment

180.51 kWh of GOs certified by the North American Renewables Registry - APX. Tennant's scope 2 market-based emissions for the UK were 3.55 mtCO2e in 2023 due to the application of the aforementioned applied RECs and GOs.

Row 3

(7.30.14.1) Country/area

Select from:
☑ Norway

(7.30.14.2) Sourcing method

Select from:
☑ Unbundled procurement of energy attribute certificates (EACs)

(7.30.14.3) Energy carrier

Select from:
☑ Electricity

(7.30.14.4) Low-carbon technology type

Select from:
☑ Sustainable biomass

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

434.77

(7.30.14.6) Tracking instrument used

Select from:

☑ GO

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

Select from:

☑ Norway

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

Select from:

☑ No

(7.30.14.10) Comment

434.77 kWh of GOs certified by the North American Renewables Registry - APX. Tennant's scope 2 market-based emissions for Norway were 0.00 mtCO2e in 2023 due to the application of the aforementioned applied RECs and GOs.

Row 4

(7.30.14.1) Country/area

Select from:

☑ Netherlands

(7.30.14.2) Sourcing method

Select from:

☑ Unbundled procurement of energy attribute certificates (EACs)

(7.30.14.3) Energy carrier

Select from:

☑ Electricity

(7.30.14.4) Low-carbon technology type

Select from:

☑ Sustainable biomass

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

1681.95

(7.30.14.6) Tracking instrument used

Select from:

☑ GO

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

Select from:

☑ Norway

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

Select from:

☑ No

(7.30.14.10) Comment

1681.95 kWh of GOs certified by the North American Renewables Registry - APX. Tennant's scope 2 market-based emissions for the Netherlands were 0.00 mtCO2e in 2023 due to the application of the aforementioned applied RECs and GOs.

Row 5

(7.30.14.1) Country/area

Select from:

☑ Italy

(7.30.14.2) Sourcing method

Select from:

☑ Unbundled procurement of energy attribute certificates (EACs)

(7.30.14.3) Energy carrier

Select from:

☑ Electricity

(7.30.14.4) Low-carbon technology type

Select from:

☑ Sustainable biomass

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

5184.71

(7.30.14.6) Tracking instrument used

Select from:

☑ GO

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

Select from:

☑ Norway

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

Select from:

☑ No

(7.30.14.10) Comment

5184.71 kWh of GOs certified by the North American Renewables Registry - APX. Tennant's scope 2 market-based emissions for Italy were 0.00 mtCO2e in 2023 due to the application of the aforementioned applied RECs and GOs.

Row 6

(7.30.14.1) Country/area

Select from:

☑ Germany

(7.30.14.2) Sourcing method

Select from:

☑ Unbundled procurement of energy attribute certificates (EACs)

(7.30.14.3) Energy carrier

Select from:

☑ Electricity

(7.30.14.4) Low-carbon technology type

Select from:

☑ Sustainable biomass

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

115.06

(7.30.14.6) Tracking instrument used

Select from:

☑ GO

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

Select from:

☑ Norway

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

Select from:

☑ No

(7.30.14.10) Comment

115062 kWh of GOs certified by the North American Renewables Registry - APX. Tennant's scope 2 market-based emissions for Germany were 6.17 mtCO2e in 2023 due to the application of the aforementioned applied RECs and GOs.

Row 7

(7.30.14.1) Country/area

Select from:

☑ France

(7.30.14.2) Sourcing method

Select from:

☑ Unbundled procurement of energy attribute certificates (EACs)

(7.30.14.3) Energy carrier

Select from:

☑ Electricity

(7.30.14.4) Low-carbon technology type

Select from:

☑ Sustainable biomass

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

20.65

(7.30.14.6) Tracking instrument used

Select from:

☑ GO

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

Select from:

☑ Norway

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

Select from:

☑ No

(7.30.14.10) Comment

20646.8 kWh of GOs certified by the North American Renewables Registry - APX. Tennant's scope 2 market-based emissions for France were 0.12 mtCO2e in 2023 due to the application of the aforementioned applied RECs and GOs.

Row 8

(7.30.14.1) Country/area

Select from:

☑ Canada

(7.30.14.2) Sourcing method

Select from:

☑ Unbundled procurement of energy attribute certificates (EACs)

(7.30.14.3) Energy carrier

Select from:

☑ Electricity

(7.30.14.4) Low-carbon technology type

Select from:

☑ Sustainable biomass

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

54.86

(7.30.14.6) Tracking instrument used

Select from:

☑ GO

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

Select from:

☑ Norway

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

Select from:

☑ No

(7.30.14.10) Comment

54863.71 kWh of GOs certified by the North American Renewables Registry - APX. Tennant's scope 2 market-based emissions for Canada were 0.13 mtCO2e in 2023 due to the application of the aforementioned applied RECs and GOs.
[Add row]

(7.30.16) Provide a breakdown by country/area of your electricity/heat/steam/cooling consumption in the reporting year.

Australia

(7.30.16.1) Consumption of purchased electricity (MWh)

118.65

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

0

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

0

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

0

(7.30.16.6) Total electricity/heat/steam/cooling energy consumption (MWh)

118.65

Belgium

(7.30.16.1) Consumption of purchased electricity (MWh)

63.16

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

0

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

51.89

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

0

(7.30.16.6) Total electricity/heat/steam/cooling energy consumption (MWh)

115.05

Brazil

(7.30.16.1) Consumption of purchased electricity (MWh)

206.07

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

92.09

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

202.49

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

0

(7.30.16.6) Total electricity/heat/steam/cooling energy consumption (MWh)

500.65

Canada

(7.30.16.1) Consumption of purchased electricity (MWh)

59.54

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

0

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

467.86

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

0

(7.30.16.6) Total electricity/heat/steam/cooling energy consumption (MWh)

527.40

China

(7.30.16.1) Consumption of purchased electricity (MWh)

1021.56

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

0

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

1190.7

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

0

(7.30.16.6) Total electricity/heat/steam/cooling energy consumption (MWh)

2212.26

France

(7.30.16.1) Consumption of purchased electricity (MWh)

21.59

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

0

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

59.41

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

0

(7.30.16.6) Total electricity/heat/steam/cooling energy consumption (MWh)

81.00

Germany

(7.30.16.1) Consumption of purchased electricity (MWh)

124.08

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

0

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

0

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

0

(7.30.16.6) Total electricity/heat/steam/cooling energy consumption (MWh)

124.08

India

(7.30.16.1) Consumption of purchased electricity (MWh)

36.31

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

0

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

0

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

0

(7.30.16.6) Total electricity/heat/steam/cooling energy consumption (MWh)

36.31

Italy

(7.30.16.1) Consumption of purchased electricity (MWh)

5184.71

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

0

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

6153.48

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

0

(7.30.16.6) Total electricity/heat/steam/cooling energy consumption (MWh)

11338.19

Japan

(7.30.16.1) Consumption of purchased electricity (MWh)

40.78

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

0

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

0

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

0

(7.30.16.6) Total electricity/heat/steam/cooling energy consumption (MWh)

40.78

Mexico

(7.30.16.1) Consumption of purchased electricity (MWh)

40.16

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

0

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

0

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

0

(7.30.16.6) Total electricity/heat/steam/cooling energy consumption (MWh)

40.16

Netherlands

(7.30.16.1) Consumption of purchased electricity (MWh)

1681.95

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

0

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

4595.26

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

0

(7.30.16.6) Total electricity/heat/steam/cooling energy consumption (MWh)

6277.21

New Zealand

(7.30.16.1) Consumption of purchased electricity (MWh)

0

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

0

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

0

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

0

(7.30.16.6) Total electricity/heat/steam/cooling energy consumption (MWh)

0.00

Norway

(7.30.16.1) Consumption of purchased electricity (MWh)

434.77

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

0

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

0.16

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

0

(7.30.16.6) Total electricity/heat/steam/cooling energy consumption (MWh)

434.93

Portugal

(7.30.16.1) Consumption of purchased electricity (MWh)

18.53

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

0

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

0

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

0

(7.30.16.6) Total electricity/heat/steam/cooling energy consumption (MWh)

18.53

Spain

(7.30.16.1) Consumption of purchased electricity (MWh)

149.83

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

0

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

0

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

0

(7.30.16.6) Total electricity/heat/steam/cooling energy consumption (MWh)

149.83

United Kingdom of Great Britain and Northern Ireland

(7.30.16.1) Consumption of purchased electricity (MWh)

190.22

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

0

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

213.67

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

0

(7.30.16.6) Total electricity/heat/steam/cooling energy consumption (MWh)

403.89

United States of America

(7.30.16.1) Consumption of purchased electricity (MWh)

11069.76

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

0

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

29101.13

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

0

(7.30.16.6) Total electricity/heat/steam/cooling energy consumption (MWh)

40170.89
[Fixed row]

(7.34) Does your organization measure the efficiency of any of its products or services?

(7.34.1) Measurement of product/service efficiency

Select from:
☑ Yes

(7.34.2) Comment

We measure the efficiency and energy use of all sold products where we have design control as part of our science-based draft target for Scope 3 – Category 11, Use of sold products. We quantify the carbon emissions of sold products to track progress toward this target. We also closely assess and review our equipment's energy-consuming components, subsystems, and actions. This work is integral to all new product development projects. In 2023, SBTi approved Tennant Company's net-zero by 2040 targets.
[Fixed row]

(7.34.1) Provide details of the metrics used to measure the efficiency of your organization's products or services.

Row 1

(7.34.1.1) Category of product or service

Select from:
☑ Other, please specify **:**Mechanized equipment for cleaning industrial and commercial floors

(7.34.1.2) Product or service (optional)

New equipment is sold by several main brands (Tennant, Nobles, Alfa, VLX, IPC, and Gaomei) with hundreds of different product models. Product model examples include Tennant T16, Tennant S20, Nobles S300, Alfa A140, Alfa Fox, VLX 838R, IPC CT90, IPC PT15, IPC CT71, Gaomei GM50B, Gaomei S-1900, etc.

(7.34.1.4) Efficiency figure in the reporting year

9400

(7.34.1.5) Metric numerator

Select from:
☑ watt-hour

(7.34.1.6) Metric denominator

Select from:
☑ unit hour worked

(7.34.1.7) Comment

Efficiency is reported in units of mT CO2 / Hour Work.

The boundary for this group includes legacy Tennant, IPC, and Gaomei products, including third-party products.

We have this data for every product model, it is calculated by understanding the average power draw of each machine over a given time period. This can then be used to calculate metric tons of CO2 emitted based on region. That level of breakdown is nearly 10,000-line items, given the breadth of our product lines. It is not practical to include that information in the CDP response. We share such information with customers on request and as part of competitive tenders when the information is desired. The frequency of customer requests for this level of detail increases each year. This response is for a standard configuration T7 as an example. Tennant Company does not share percent revenue specifics per product as it is confidential information.
[Add row]

(7.45) 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.

Row 1

(7.45.1) Intensity figure

18.2

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

22639.5

(7.45.3) Metric denominator

Select from:

☑ Other, please specify **:**Unit total revenue, in $M

(7.45.4) Metric denominator: Unit total

1243.6

(7.45.5) Scope 2 figure used

Select from:

☑ Market-based

(7.45.6) % change from previous year

19.18

(7.45.7) Direction of change

Select from:

☑ Decreased

(7.45.8) Reasons for change

Select all that apply

☑ Change in renewable energy consumption

☑ Other emissions reduction activities

(7.45.9) Please explain

Reasons for the 19.18% intensity decrease are efficiency projects and increased renewable energy purchases.
[Add row]

(7.52) Provide any additional climate-related metrics relevant to your business.

Row 1

(7.52.1) Description

Select from:
☑ Energy usage

(7.52.2) Metric value

92

(7.52.3) Metric numerator

Renewable electricity

(7.52.4) Metric denominator (intensity metric only)

Total electricity purchased in MWh

(7.52.5) % change from previous year

3.37

(7.52.6) Direction of change

Select from:
☑ Increased

(7.52.7) Please explain

The total renewable energy increased in 2023 due to energy efficiency projects being implemented, which decreased our overall electricity usage from fossil fuels, in addition to the solar project at our Brazil factory. In 2023, 92% of Tennant's electricity consumption came from renewable energy sources.
[Add row]

(7.53.1) Provide details of your absolute emissions targets and progress made against those targets.

Row 1

(7.53.1.1) Target reference number

Select from:
☑ Abs 1

(7.53.1.2) Is this a science-based target?

Select from:
☑ Yes, and this target has been approved by the Science Based Targets initiative

(7.53.1.3) Science Based Targets initiative official validation letter

Net- Zero Approval Letter - Tennant Company.pdf

(7.53.1.4) Target ambition

Select from:
☑ 1.5°C aligned

(7.53.1.5) Date target was set

10/20/2023

(7.53.1.6) Target coverage

Select from:

☑ Organization-wide

(7.53.1.7) Greenhouse gases covered by target

Select all that apply

☑ Methane (CH4)
☑ Nitrous oxide (N2O)
☑ Carbon dioxide (CO2)
☑ Perfluorocarbons (PFCs)
☑ Hydrofluorocarbons (HFCs)
☑ Sulphur hexafluoride (SF6)
☑ Nitrogen trifluoride (NF3)

(7.53.1.8) Scopes

Select all that apply

☑ Scope 1
☑ Scope 2

(7.53.1.9) Scope 2 accounting method

Select from:

☑ Market-based

(7.53.1.11) End date of base year

12/31/2021

(7.53.1.12) Base year Scope 1 emissions covered by target (metric tons CO2e)

24105.6

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

1903.6

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

0.000

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

26009.200

(7.53.1.33) Base year Scope 1 emissions covered by target as % of total base year emissions in Scope 1

99

(7.53.1.34) Base year Scope 2 emissions covered by target as % of total base year emissions in Scope 2

99

(7.53.1.53) Base year emissions covered by target in all selected Scopes as % of total base year emissions in all selected Scopes

99

(7.53.1.54) End date of target

01/01/2030

(7.53.1.55) Targeted reduction from base year (%)

45

(7.53.1.56) Total emissions at end date of target covered by target in all selected Scopes (metric tons CO2e)

14305.060

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

21802.1

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

837.4

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

22639.500

(7.53.1.78) Land-related emissions covered by target

Select from:

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

(7.53.1.79) % of target achieved relative to base year

28.79

(7.53.1.80) Target status in reporting year

Select from:

☑ Underway

(7.53.1.82) Explain target coverage and identify any exclusions

This target includes at least 99% of the Company's total global gross Scope 1 & 2 emissions for the base year 2021. We reassess our operational control boundary annually. What is not covered by this target are small facilities which use very little energy. All emissions from these facilities are less than 1% of the total emissions covered by the target reporting boundary. When conducting the annual boundary assessment, if we identify relevant emissions not previously reported, we restate prior year emissions to include them. No boundary-related restatements are included in our CDP Climate Change 2023 response.

(7.53.1.83) Target objective

Our SBTi-validated near-term net-zero target is to reduce absolute scope 1 and 2 GHG emissions 45% by 2030 from a 2021 base year.

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

In 2022, the Company completed an updated materiality assessment and refreshed our sustainability strategy framework.

In 2018, we set two greenhouse gas (GHG) emissions reduction targets with the Science Based Targets initiative (SBTi). We are proud to be one of the first 104 companies globally to have our science-based targets (SBT) approved and to be featured in SBTi's Scope 3 best practices in the greenhouse gas management guidance document, highlighting our innovations in product design to reduce our value stream emissions. (https://sciencebasedtargets.org/resources/files/SBT_Value_Chain_Report-1.pdf).

Our world has significantly changed since setting these targets, as has our business. We have learned more about our changing climate and seen a significant increase in engagement on climate from our stakeholders and demand for lower-emissions products from our customers. Combined with accelerated progress against our targets, our growth as a business, and the drive to future-proof our business growth in our ever-changing world, in 2022, we began updating our SBT. We engaged internal stakeholders and various subject matter experts to align with other organizational priorities. We utilized SBTi's tools and resources to analyze Tennant's historical greenhouse gas emissions data to forecast future emissions. In 2023, Tennant Company committed to becoming net zero by 2040 with SBTi-approved near-and long-term company-wide greenhouse gas reduction targets. Our SBTi-validated near-term net-zero target is to reduce absolute scope 1 and 2 GHG emissions 45% by 2030 from a 2021 base year. In 2023, GHG emissions from our operations and fleet (scope 1 and 2 market-based) decreased by 13% from the 2021 base year.

To achieve net-zero by 2040, we will source electricity from renewable sources, eliminate emissions from our global vehicle fleet, continue to invest in energy efficiency initiatives, and partner with our customers to drive emission reduction innovations, such as electrification and lithium-ion batteries, through our products.

(7.53.1.85) Target derived using a sectoral decarbonization approach

Select from:

☑ No

Row 2

(7.53.1.1) Target reference number

Select from:

☑ Abs 2

(7.53.1.2) Is this a science-based target?

Select from:

☑ Yes, and this target has been approved by the Science Based Targets initiative

(7.53.1.3) Science Based Targets initiative official validation letter

Net- Zero Approval Letter - Tennant Company.pdf

(7.53.1.4) Target ambition

Select from:

☑ 1.5°C aligned

(7.53.1.5) Date target was set

10/20/2023

(7.53.1.6) Target coverage

Select from:

☑ Organization-wide

(7.53.1.7) Greenhouse gases covered by target

Select all that apply

☑ Methane (CH4)

☑ Nitrous oxide (N2O)

☑ Carbon dioxide (CO2)

☑ Perfluorocarbons (PFCs)

☑ Hydrofluorocarbons (HFCs)

☑ Sulphur hexafluoride (SF6)

☑ Nitrogen trifluoride (NF3)

(7.53.1.8) Scopes

Select all that apply

☑ Scope 1

☑ Scope 2

(7.53.1.9) Scope 2 accounting method

Select from:

☑ Market-based

(7.53.1.11) End date of base year

12/31/2021

(7.53.1.12) Base year Scope 1 emissions covered by target (metric tons CO2e)

24105.6

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

1903.6

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

0.000

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

26009.200

(7.53.1.33) Base year Scope 1 emissions covered by target as % of total base year emissions in Scope 1

99

(7.53.1.34) Base year Scope 2 emissions covered by target as % of total base year emissions in Scope 2

99

(7.53.1.53) Base year emissions covered by target in all selected Scopes as % of total base year emissions in all selected Scopes

99

(7.53.1.54) End date of target

01/01/2040

(7.53.1.55) Targeted reduction from base year (%)

90

(7.53.1.56) Total emissions at end date of target covered by target in all selected Scopes (metric tons CO2e)

2600.920

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

21802.1

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

837.4

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

22639.500

(7.53.1.78) Land-related emissions covered by target

Select from:

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

(7.53.1.79) % of target achieved relative to base year

14.40

(7.53.1.80) Target status in reporting year

Select from:

☑ Underway

(7.53.1.82) Explain target coverage and identify any exclusions

This target includes at least 99% of the Company's total global gross Scope 1 & 2 emissions for the base year 2021. We reassess our operational control boundary annually. What is not covered by this target are small facilities which use very little energy. All emissions from these facilities are less than 1% of the total emissions covered by the target reporting boundary. When conducting the annual boundary assessment, if we identify relevant emissions not previously reported, we restate prior year emissions to include them. No boundary-related restatements are included in our CDP Climate Change 2023 response.

(7.53.1.83) Target objective

Our SBTi-validated long-term net-zero target is to reduce absolute scope 1 and 2 GHG emissions 90% by 2040 from a 2021 base year.

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

In 2022, the Company completed an updated materiality assessment and refreshed our sustainability strategy framework.

In 2018, we set two greenhouse gas (GHG) emissions reduction targets with the Science Based Targets initiative (SBTi). We are proud to be one of the first 104 companies globally to have our science-based targets (SBT) approved and to be featured in SBTi's Scope 3 best practices in the greenhouse gas management guidance document, highlighting our innovations in product design to reduce our value stream emissions. (https://sciencebasedtargets.org/resources/files/SBT_Value_Chain_Report-1.pdf).

Our world has significantly changed since setting these targets, as has our business. We have learned more about our changing climate and seen a significant increase in engagement on climate from our stakeholders and demand for lower-emissions products from our customers. Combined with accelerated progress against our targets, our growth as a business, and the drive to future-proof our business growth in our ever-changing world, in 2022, we began updating our SBT. We engaged internal stakeholders and various subject matter experts to align with other organizational priorities. We utilized SBTi's tools and resources to analyze Tennant's historical greenhouse gas emissions data to forecast future emissions. In 2023, Tennant Company committed to becoming net zero by 2040 with SBTi-approved near-and long-term company-wide greenhouse gas reduction targets. Our SBTi-validated long-term net-zero target is to reduce absolute scope 1 and 2 GHG emissions 90% by 2030 from a 2021 base year. In 2023, GHG emissions from our operations and fleet (scope 1 and 2 market-based) decreased by 13% from the 2021 base year.

To achieve net-zero by 2040, we will source electricity from renewable sources, eliminate emissions from our global vehicle fleet, continue to invest in energy efficiency initiatives, and partner with our customers to drive emission reduction innovations, such as electrification and lithium-ion batteries, through our products.

(7.53.1.85) Target derived using a sectoral decarbonization approach

Select from:

☑ No

Row 3

(7.53.1.1) Target reference number

Select from:

☑ Abs 3

(7.53.1.2) Is this a science-based target?

Select from:

☑ Yes, and this target has been approved by the Science Based Targets initiative

(7.53.1.3) Science Based Targets initiative official validation letter

Net- Zero Approval Letter - Tennant Company.pdf

(7.53.1.4) Target ambition

Select from:

☑ 1.5°C aligned

(7.53.1.5) Date target was set

10/20/2023

(7.53.1.6) Target coverage

Select from:

☑ Organization-wide

(7.53.1.7) Greenhouse gases covered by target

Select all that apply

☑ Methane (CH4)

☑ Nitrous oxide (N2O)

☑ Sulphur hexafluoride (SF6)

☑ Nitrogen trifluoride (NF3)

☑ Carbon dioxide (CO2)
☑ Perfluorocarbons (PFCs)
☑ Hydrofluorocarbons (HFCs)

(7.53.1.8) Scopes

Select all that apply
☑ Scope 3

(7.53.1.10) Scope 3 categories

Select all that apply
☑ Scope 3, Category 11 – Use of sold products

(7.53.1.11) End date of base year

12/31/2021

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

496239.3

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

496239.300

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

496239.300

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

95

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

71.84

(7.53.1.53) Base year emissions covered by target in all selected Scopes as % of total base year emissions in all selected Scopes

95

(7.53.1.54) End date of target

01/01/2030

(7.53.1.55) Targeted reduction from base year (%)

45

(7.53.1.56) Total emissions at end date of target covered by target in all selected Scopes (metric tons CO2e)

272931.615

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

473784

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

473784.000

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

473784.000

(7.53.1.78) Land-related emissions covered by target

Select from:

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

(7.53.1.79) % of target achieved relative to base year

10.06

(7.53.1.80) Target status in reporting year

Select from:

☑ Underway

(7.53.1.82) Explain target coverage and identify any exclusions

This target includes at least 95% of the Company's total global gross Scope 3 - category 11 emissions in the base year 2021. The target does not include intermediate products, reconditioned equipment, or third-party products outside our design control.

(7.53.1.83) Target objective

In 2023, Tennant Company committed to becoming net zero by 2040 with SBTi-approved near-and long-term company-wide greenhouse gas reduction targets. We also committed to reducing scope 3 GHG emissions from the use of sold products 45% by 2030 from a 2021 base year.

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

In 2022, the Company completed an updated materiality assessment and refreshed our sustainability strategy framework.

In 2018, we set two greenhouse gas (GHG) emissions reduction targets with the Science Based Targets initiative (SBTi). We are proud to be one of the first 104 companies globally to have our science-based targets (SBT) approved and to be featured in SBTi's Scope 3 best practices in the greenhouse gas management guidance document, highlighting our innovations in product design to reduce our value stream emissions. (https://sciencebasedtargets.org/resources/files/SBT_Value_Chain_Report-1.pdf).

Our world has significantly changed since setting these targets, as has our business. We have learned more about our changing climate and seen a significant increase in engagement on climate from our stakeholders and demand for lower-emissions products from our customers. Combined with accelerated progress against our targets, our growth as a business, and the drive to future-proof our business growth in our ever-changing world, in 2022, we began updating our SBT.

In 2023, Tennant Company committed to becoming net zero by 2040 with SBTi-approved near-and long-term company-wide greenhouse gas reduction targets. We also committed to reducing scope 3 GHG emissions from the use of sold products 45% by 2030 from a 2021 base year. In 2023, GHG emissions from the use of our products (scope 3, category 11) decreased by 8% from 2021.

Recognizing that our impact extends beyond our direct operations, we are committed to partnering with our customers and suppliers to reduce emissions across our value chain and offering products that can provide measurable sustainability improvements. Incorporating sustainability into our product development, product line strategies, and the innovation process has been core to our product strategy.

In 2023, we concentrated our efforts on enhancing how we integrate sustainability throughout the life cycle of our products and the goal-setting process. We established a cross-functional team dedicated to circular products and incorporating sustainability into our product development process across give themes where we can drive the most impact throughout the life cycle of our products: circular products & waste; climate & energy; shared spaces; social impact; and water & chemical use.

(7.53.1.85) Target derived using a sectoral decarbonization approach

Select from:

☑ No

Row 4

(7.53.1.1) Target reference number

Select from:

☑ Abs 4

(7.53.1.2) Is this a science-based target?

Select from:

☑ Yes, and this target has been approved by the Science Based Targets initiative

(7.53.1.3) Science Based Targets initiative official validation letter

Net- Zero Approval Letter - Tennant Company.pdf

(7.53.1.4) Target ambition

Select from:

☑ 1.5°C aligned

(7.53.1.5) Date target was set

10/20/2023

(7.53.1.6) Target coverage

Select from:

☑ Organization-wide

(7.53.1.7) Greenhouse gases covered by target

Select all that apply

☑ Methane (CH4)

☑ Nitrous oxide (N2O)

☑ Carbon dioxide (CO2)

☑ Perfluorocarbons (PFCs)

☑ Hydrofluorocarbons (HFCs)

☑ Sulphur hexafluoride (SF6)

☑ Nitrogen trifluoride (NF3)

(7.53.1.8) Scopes

Select all that apply

☑ Scope 3

(7.53.1.10) Scope 3 categories

Select all that apply

☑ Scope 3, Category 1 – Purchased goods and services

☑ Scope 3, Category 11 – Use of sold products

(7.53.1.11) End date of base year

12/31/2021

(7.53.1.14) Base year Scope 3, Category 1: Purchased goods and services emissions covered by target (metric tons CO2e)

155795

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

496239.3

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

652034.300

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

652034.300

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

95

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

95

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

94.39

(7.53.1.53) Base year emissions covered by target in all selected Scopes as % of total base year emissions in all selected Scopes

95

(7.53.1.54) End date of target

01/01/2040

(7.53.1.55) Targeted reduction from base year (%)

90

(7.53.1.56) Total emissions at end date of target covered by target in all selected Scopes (metric tons CO2e)

65203.430

(7.53.1.59) Scope 3, Category 1: Purchased goods and services emissions in reporting year covered by target (metric tons CO2e)

148202

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

473784

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

621986.000

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

621986.000

(7.53.1.78) Land-related emissions covered by target

Select from:

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

(7.53.1.79) % of target achieved relative to base year

5.12

(7.53.1.80) Target status in reporting year

Select from:

☑ Underway

(7.53.1.82) Explain target coverage and identify any exclusions

This target includes at least 95% of the Company's total global gross Scope 3 - category 1 and category 11 emissions in the base year 2021. The target does not include intermediate products, reconditioned equipment, or third-party products outside our design control.

(7.53.1.83) Target objective

In 2023, Tennant Company committed to becoming net zero by 2040 with SBTi-approved near-and long-term company-wide greenhouse gas reduction targets. We also committed to reducing scope 3 GHG emissions from the use of sold products and in our supply chain 90% by 2040 from a 2021 base year.

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

In 2022, the Company completed an updated materiality assessment and refreshed our sustainability strategy framework.

In 2018, we set two greenhouse gas (GHG) emissions reduction targets with the Science Based Targets initiative (SBTi). We are proud to be one of the first 104 companies globally to have our science-based targets (SBT) approved and to be featured in SBTi's Scope 3 best practices in the greenhouse gas management guidance document, highlighting our innovations in product design to reduce our value stream emissions. (https://sciencebasedtargets.org/resources/files/SBT_Value_Chain_Report-1.pdf).

Our world has significantly changed since setting these targets, as has our business. We have learned more about our changing climate and seen a significant increase in engagement on climate from our stakeholders and demand for lower-emissions products from our customers. Combined with accelerated progress against our targets, our growth as a business, and the drive to future-proof our business growth in our ever-changing world, in 2022, we began updating our SBT.

In 2023, Tennant Company committed to becoming net zero by 2040 with SBTi-approved near-and long-term company-wide greenhouse gas reduction targets. We also committed to reducing scope 3 GHG emissions from the use of sold products and in our supply chain 90% by 2040 from a 2021 base year. In 2023, GHG emissions from the use of our products (scope 3, category 11) decreased by 8% from 2021 and GHG emissions from purchased goods and services (scope 3, category 1) decreased by 5% from 2021.

Recognizing that our impact extends beyond our direct operations, we are committed to partnering with our customers and suppliers to reduce emissions across our value chain and offering products that can provide measurable sustainability improvements.

In 2023, we concentrated our efforts on enhancing how we integrate sustainability throughout the life cycle of our products and the goal-setting process. We established a cross-functional team dedicated to circular products and incorporating sustainability into our product development process across give themes where we can drive the most impact throughout the life cycle of our products: circular products & waste; climate & energy; shared spaces; social impact; and water & chemical use.

(7.53.1.85) Target derived using a sectoral decarbonization approach

Select from:

☑ No

[Add row]

(7.54.1) Provide details of your targets to increase or maintain low-carbon energy consumption or production.

Row 1

(7.54.1.1) Target reference number

Select from:

☑ Low 1

(7.54.1.2) Date target was set

10/20/2023

(7.54.1.3) Target coverage

Select from:

☑ Organization-wide

(7.54.1.4) Target type: energy carrier

Select from:

☑ All energy carriers

(7.54.1.5) Target type: activity

Select from:
☑ Consumption

(7.54.1.6) Target type: energy source

Select from:
☑ Low-carbon energy source(s)

(7.54.1.7) End date of base year

12/31/2021

(7.54.1.8) Consumption or production of selected energy carrier in base year (MWh)

26057

(7.54.1.9) % share of low-carbon or renewable energy in base year

88

(7.54.1.10) End date of target

01/01/2023

(7.54.1.11) % share of low-carbon or renewable energy at end date of target

100

(7.54.1.12) % share of low-carbon or renewable energy in reporting year

92

(7.54.1.13) % of target achieved relative to base year

33.33

(7.54.1.14) Target status in reporting year

Select from:

☑ Underway

(7.54.1.16) Is this target part of an emissions target?

Yes, as part of our commitment to our SBTi-approved net-zero by 2040 target, we will source 100% renewable electricity across all our global facilities by 2030.

(7.54.1.17) Is this target part of an overarching initiative?

Select all that apply

☑ Science Based Targets initiative

(7.54.1.18) Science Based Targets initiative official validation letter

Net- Zero Approval Letter - Tennant Company.pdf

(7.54.1.19) Explain target coverage and identify any exclusions

As part of our commitment to our SBTi-approved net-zero by 2040 target, we will source 100% renewable electricity across all our global facilities by 2030. Excluded facilities include those deemed not material in our annual boundary and operational control assessments that are not included in our SBTi-approved net-zero targets.

(7.54.1.20) Target objective

Source 100% renewable energy by 2030

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

As part of our commitment to net-zero by 2040, we will source 100% renewable electricity across all our global facilities by 2030. In 2023, we established an impact area workstream team dedicated to sourcing renewable electricity for our global operations. The total renewable energy purchased and produced represents 92% of all electricity consumed across the Company.

We increased our renewable energy production by investing in on-site solar panels at our manufacturing plant in Limeira, Brazil, and 2023 was the first full year of operation. We began investing in on-site solar at our manufacturing plants in Italy. These projects are expected to be operational in 2024. We also sourced renewable energy by purchasing energy attribute certificates (EAC). We purchased Renewable Energy Credits (RECs) and Guarantees of Origin (GOs) for electricity consumption at multiple facilities.
[Add row]

(7.55.1) 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	*1*	*`Numeric input*
To be implemented	*4*	*0*
Implementation commenced	*5*	*1051.45*
Implemented	*4*	*962.11*
Not to be implemented	*0*	*`Numeric input*

[Fixed row]

(7.55.2) Provide details on the initiatives implemented in the reporting year in the table below.

Row 1

(7.55.2.1) Initiative category & Initiative type

Transportation

☑ Other, please specify **:**Energy efficiency in buildings and production processes

(7.55.2.2) Estimated annual CO2e savings (metric tonnes CO2e)

962.11

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

Select all that apply

☑ Scope 1

☑ Scope 2 (location-based)

☑ Scope 2 (market-based)

(7.55.2.4) Voluntary/Mandatory

Select from:

☑ Voluntary

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

0

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

0

(7.55.2.7) Payback period

Select from:

☑ 1-3 years

(7.55.2.8) Estimated lifetime of the initiative

Select from:

☑ Ongoing

(7.55.2.9) Comment

Lighting efficiency initiatives and process improvements at various facilities. Lighting initiatives include reducing unnecessary lighting and installing sensors to automatically turn off when a space is not in use. Also, adjusted manufacturing equipment to consume gas and electricity more efficiently. This is a grouping of the 4 implemented initiatives as listed in 7.55.1, as they fall under the same project category.
[Add row]

(7.55.3) What methods do you use to drive investment in emissions reduction activities?

Row 1

(7.55.3.1) Method

Select from:
☑ Internal incentives/recognition programs

(7.55.3.2) Comment

Employees can be nominated by their peers and leadership for APPLAUSE and Leading Edge Awards. These programs continue to provide recognition and monetary rewards for work toward energy and fuel efficiency and emissions reductions. The Frontline Employee-Led CI Wins program at each of our global manufacturing facilities also recognizes those employees who implemented the CI project with their names and photo.

Row 2

(7.55.3.1) Method

Select from:
☑ Compliance with regulatory requirements/standards

(7.55.3.2) Comment

Regulatory requirements and standards related to energy and fuel efficiency continue to help drive emissions reduction. The Renewable Energy Standard (RES) in Minnesota is a good example. The RES has significantly increased the percentage of renewable energy sources on the grid supplying our largest electrical demands (Minneapolis campus). We also see electricity demand reduction benefit from standards-driven upgrades to devices we regularly replace. These devices include but aren't limited to computers, monitors, and printers.

Row 3

(7.55.3.1) Method

Select from:

☑ Financial optimization calculations

(7.55.3.2) Comment

Estimating energy and/or fuel reduction for building upgrades, new equipment, and process investments is part of the Annual Operating Plan-Capital Planning template. The list of Capital projects is routed to the Director of Sustainability during the planning process, who advocates for investment toward efficiency projects. Additional detail is required in Capital Expenditure Requests (CERs). The CER is used to analyze and justify capital investments. Each CER is routed through required approvers before a project can start.CER routing includes the Sustainability Innovation Manager, who can advocate for investment toward efficiency projects, help quantify total cost savings, and manage the entire portfolio of emission-reduction initiatives.

Row 4

(7.55.3.1) Method

Select from:

☑ Internal price on carbon

(7.55.3.2) Comment

We use an internal price on carbon (shadow price) to assess current and future enterprise risk from market mechanisms addressing external costs of fossil fuels. These market mechanisms are expanding globally, and we expect this expansion to continue over the long term. We have used an internal price of carbon to quantify risk and understand the full potential impacts of our energy use changes. Current and emerging regulations are relevant and always included in our annual ERA (C2.2a). Given that our facilities in the UK are already subjected to a carbon tax, the climate change levy used that tax rate for our internal price on carbon. In 2022, GO.UK 2022 tax rates for electricity (/ per kilowatt hour (kWh)) was 0.00775/0.00958, and for gas (per kWh) was 0.00568/0.00702

Row 5

(7.55.3.1) Method

Select from:

☑ Other **:**External partnerships

(7.55.3.2) Comment

We employ independent energy assessment organizations to identify energy reduction and efficiency opportunities. For example, Xcel Energy in Minnesota administers a process efficiency program. We have engaged in this program for more than 10 years. Graphet Data Mining has independently assessed our major facilities to identify the most promising opportunities for energy reduction. We also regularly engage our business partners, including utilities (Xcel Energy, CenterPoint Energy, and Holland Board of Public Works) and fleet management companies. Through this engagement, we identify new opportunities and best practices around energy/fuel efficiency improvements and emissions reductions.

Row 6

(7.55.3.1) Method

Select from:

☑ Employee engagement

(7.55.3.2) Comment

Employees are encouraged to submit all improvement ideas, including energy reduction and efficiency, through various Continuous Improvement (CI) programs. One example CI program is the Value Stream Tier Boards at our largest manufacturing facility in Minneapolis, MN. Example value streams include fabrication and assembly. All employees in each particular value stream can add improvement ideas to the Tier Board. Ideas are then evaluated and prioritized by a Manufacturing or Process Engineer. A global program called Frontline Employee-Led CI Wins has been implemented to highlight significant improvements made at our principal manufacturing facilities. Each facility submits one "win" per month, and there is a "Sustainability Notes" section where they can declare energy or waste savings resulting from the initiative. There are many different CI programs globally; each is tailored to specific functions and/or location activities. Energy reduction ideas are considered at each of our global facilities. These ideas contribute to our progress on emission reduction.

Row 7

(7.55.3.1) Method

Select from:

☑ Internal finance mechanisms

(7.55.3.2) Comment

The Annual Operating Plan process was revised so capital equipment projects which yield greenhouse gas (GHG) emission reductions are distinctly identified. Since then, all capital equipment projects have been viewed as a company-wide portfolio to ensure the best investments.
[Add row]

(7.71) Does your organization assess the life cycle emissions of any of its products or services?

(7.71.1) Assessment of life cycle emissions

Select from:

☑ Yes

(7.71.2) Comment

We have a science-based target (SBT) for Scope 3 – Category 11, Use of sold products emissions. We developed a product portfolio emissions calculator tool to establish this target and for verification by the Science Based Targets initiative (SBTi). The tool estimates product life cycle carbon emissions based on a set of assumptions for each product category.

Assumptions include product life (in years), number of uses per year, and energy per use (kWh or fuel volume). These assumptions are combined with appropriate emission factors. We use the electric grid emission factor for the sold-to country for cord and battery products. We use standard emission factors for each fuel type (gasoline, diesel, or LPG) for internal combustion products. We also include an indirect emission factor, representing the indirect emissions required for wastewater treatment, water use, and maintenance activities. The indirect emissions factor is based on Life Cycle Assessment (LCA) data for a representative product (T300). The indirect emissions factor is adjusted up or down based on relative product category complexity or simplicity. Using this tool, we calculate and report the carbon emissions of every product we sell if the product's use-phase carbon emissions are material. We have also used this tool when responding to customer requests on the emissions of specific products and on competitive tenders when carbon emissions are considered. The frequency of customer requests for this product level detail increases yearly. PE International (now Sphera) performed an in-depth LCA for the T300 product. Through this LCA, we learned that customer use is the most significant life cycle impact phase for our products, as is typical for capital goods type products. Quantifying impacts and relative impact measurements from this LCA have been the basis for significant action over the 2015-2021 period, including driving sustainability strategies for new product development projects. We have also assessed, through LCA, the environmental impacts of returned, used products which become an input to our reconditioned equipment (RECON) business. In this case, we used the T300 baseline LCA model and combined it with several reconditioning scenarios. Tennant Company is in the process of conducting additions LCAs that will be completed within the next 1-2 years.
[Fixed row]

(7.71.1) Provide details of how your organization assesses the life cycle emissions of its products or services.

(7.71.1.1) Products/services assessed

Select from:

☑ Representative selection of products/services

(7.71.1.2) Life cycle stage(s) most commonly covered

Select from:

☑ Cradle-to-grave

(7.71.1.3) Methodologies/standards/tools applied

Select all that apply

☑ GHG Protocol Product Accounting & Reporting Standard

☑ Other, please specify **:**GaBi software

(7.71.1.4) Comment

We have performed several Life-Cycle Assessments (LCAs) with business partners EcoForm and PE International (now Sphera).Product and technology LCAs include ec-H2O, ec-H2O NanoClean, water recycling system concepts, and the T300 machine.When we make product environmental marketing claims based on an LCA, we make that LCA public information. Company-specific examples include: LCA for ec-H2O is available here: https://www.tennantco.com/content/dam/tennant/tennantco/products/Innovations/ec-H2O%20Ecoform%20Report.pdfLCA Summary for ec-H2O NanoClean, available here: https://www.tennantco.com/content/dam/tennant/tennantco/products/Innovations/ec-h2o-nanoclean-ecoform-flyer.pdf.

The LCA performed on the T300 is representative of a large portion of our product line. We have used the knowledge gained from this LCA in several ways. This includes reorganizing the Sustainability team function in 2016-2017, reallocating resources for dedicated staff to focus on products, and determining where to focus the efforts of the Sustainability Innovation Manager.
[Fixed row]

(7.73.2) Complete the following table for the goods/services for which you want to provide data.

Row 1

(7.73.2.1) Requesting member

Select from:

(7.73.2.2) Name of good/ service

T300

(7.73.2.3) Description of good/ service

Walk-behind, battery-powered, scrubber-drier

(7.73.2.4) Type of product

Select from:
☑ Final

(7.73.2.5) Unique product identifier

Many T300 family product variants with unique SKUs

(7.73.2.6) Total emissions in kg CO2e per unit

3194.4

(7.73.2.7) ±% change from previous figure supplied

2.7

(7.73.2.8) Date of previous figure supplied

08/01/2023

(7.73.2.9) Explanation of change

The primary change to emissions from this model of machine comes from the "Use Phase", which is dependent on electricity grids worldwide. Tennant Company uses a variety of electricity grid emissions factors worldwide (best sources for each country of sale) and the total average use-phase emissions for an individual machine is heavily dependent on where the most sales happened in a given year. This year, more T300 machines were sold into areas with less efficient electrical grids, causing more emissions per unit on average. The 3194.5kg total emissions figure is an update to the previous figure supplied of 6110.9kg (a 2.7% increase).

See table contained in 7.73.3 for additional life stage details. 3194.4 41.7 827 152 2352.66 - 179. (-179 is from using a substitution approach to the T300 LCA, which results in an emissions "credit" of -179 kg CO2e. Since the input field does not allow for negative numbers, 0 was used).

(7.73.2.10) Methods used to estimate lifecycle emissions

Select from:

☑ Other, please specify **:**ISO 14040 and 14044 were used to establish most of the emissions level data for the T300. Annual Scope 3, Category 11 data (assured each year) is also used to determine changes in the total emissions profile each year.

[Add row]

(7.73.3) Complete the following table with data for lifecycle stages of your goods and/or services.

Row 1

(7.73.3.1) Requesting member

Select from:

(7.73.3.2) Name of good/ service

T300

(7.73.3.3) Scope

Select from:

☑ Scope 3

(7.73.3.4) Lifecycle stage

Select from:

☑ Consumer Use

(7.73.3.5) Emissions at the lifecycle stage in kg CO2e per unit

2352.66

(7.73.3.6) Lifecycle stage under your ownership or control

Select from:

☑ No

(7.73.3.7) Type of data used

Select from:

☑ Primary and secondary

(7.73.3.8) Data quality

Good - Utilizes best practice electrical grid emissions factors globally depending on country of sale (updated annually). These values are also included in our Tennant Company Greenhouse Gas (GHG) Emissions Statement for the Year Ended December 31, 2023 on which Deloitte & Touche LLP has issued a limited assurance report dated June 27, 2024.

(7.73.3.9) If applicable, describe the verification/assurance of the product emissions data

Utilizes Scope 3, Category 11 data included in our Tennant Company Greenhouse Gas (GHG) Emissions Statement for the Year Ended December 31, 2023 on which Deloitte & Touche LLP has issued a limited assurance report dated June 27, 2024.

Row 2

(7.73.3.1) Requesting member

Select from:

(7.73.3.2) Name of good/ service

T300

(7.73.3.3) Scope

Select from:

☑ Scope 3

(7.73.3.4) Lifecycle stage

Select from:

☑ Distribution

(7.73.3.5) Emissions at the lifecycle stage in kg CO2e per unit

41.7

(7.73.3.6) Lifecycle stage under your ownership or control

Select from:

☑ Yes

(7.73.3.7) Type of data used

Select from:

☑ Primary and secondary

(7.73.3.8) Data quality

Good - assumes average shipping distance in the U.S.

(7.73.3.9) If applicable, describe the verification/assurance of the product emissions data

Conducted by 3rd Party LCA

Row 3

(7.73.3.1) Requesting member

Select from:

(7.73.3.2) Name of good/ service

T300

(7.73.3.3) Scope

Select from:

☑ Scope 1, 2 & 3

(7.73.3.4) Lifecycle stage

Select from:

☑ Cradle to gate

(7.73.3.5) Emissions at the lifecycle stage in kg CO2e per unit

827.0

(7.73.3.6) Lifecycle stage under your ownership or control

Select from:

☑ Yes

(7.73.3.7) Type of data used

Select from:

☑ Primary and secondary

(7.73.3.8) Data quality

Good – includes the impact for some metal parts which we manufacture internally (Scope 1 & 2). It also includes some Scope 3 – Category 1, Purchased goods and services, plus Category 4, Upstream transportation emissions.

(7.73.3.9) If applicable, describe the verification/assurance of the product emissions data

Conducted by 3rd Party LCA

Row 5

(7.73.3.1) Requesting member

Select from:

(7.73.3.2) Name of good/ service

T300

(7.73.3.3) Scope

Select from:
☑ Scope 1 & 2

(7.73.3.4) Lifecycle stage

Select from:
☑ Manufacturing

(7.73.3.5) Emissions at the lifecycle stage in kg CO2e per unit

152.0

(7.73.3.6) Lifecycle stage under your ownership or control

Select from:
☑ Yes

(7.73.3.7) Type of data used

Select from:
☑ Primary and secondary

(7.73.3.8) Data quality

Good - includes Tennant rotomold parts, fabrication, and assembly

(7.73.3.9) If applicable, describe the verification/assurance of the product emissions data

Conducted by 3rd Party LCA
[Add row]

(7.73.4) Please detail emissions reduction initiatives completed or planned for this product.

Row 1

(7.73.4.1) Name of good/ service

T300

(7.73.4.2) Initiative ID

Select from:
☑ Initiative 1

(7.73.4.3) Description of initiative

As a part of our new product development process, we continuously assess and update our existing product portfolio, including the T300 product. We will examine the T300 product's emissions reduction opportunities and, if applicable, set targets, and an estimate of emission reductions per unit will be made at that time.

(7.73.4.4) Completed or planned

Select from:
☑ Ongoing
[Add row]

(7.74.1) Provide details of your products and/or services that you classify as low-carbon products.

Row 1

(7.74.1.1) Level of aggregation

Select from:

☑ Group of products or services

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

Select from:

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

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

Power

☑ Other, please specify **:**Detergent-free products, including ec-H2O™ and ec-H2O NanoClean® scrubber-driers

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

A machine with integrated cleaning technology turns water into a cleaning solution, omitting the need for detergents, typically used in most cleaning processes. Avoiding the use of detergents over the lifetime of a product results in significant emissions savings, primarily due to the avoided manufacture and transportation of these detergents and associated packaging.

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

Select from:

☑ Yes

(7.74.1.6) Methodology used to calculate avoided emissions

Select from:

☑ Other, please specify **:**Life Cycle Assessment using version 6 of the GaBi Life-Cycle Software. Secondary data from GaBi and Ecoinvent datasets, supplemented by proprietary Ecoform data sets, comprised the entirety of the life-cycle inventory data.

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

Select from:

☑ Cradle-to-grave

(7.74.1.8) Functional unit used

Cleaning 25,000 square feet of resilient floor over a period of five years

(7.74.1.9) Reference product/service or baseline scenario used

A typical conventional, chemical-based floor scrubbing system with the following parameters: concentrated detergent with a dilution rate of 1 ounce per gallon; detergent in a 1-gallon bottle with HDPE weight of 0.14 kg; detergent packaged with 4 bottles per carton with a corrugate weight of 0.65 kg.

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

Select from:

☑ Cradle-to-grave

(7.74.1.12) Explain your calculation of avoided emissions, including any assumptions

Tennant Company has estimated the carbon emissions savings from this product annually, however, we no longer publish this value. It is purely a confidential internal metric. Additionally, we do not share percentage of revenue based on specific products - this information is confidential.
[Add row]

C9. Environmental performance - Water security

(9.1.1) Provide details on these exclusions.

Row 1

(9.1.1.1) Exclusion

Select from:

☑ Facilities

(9.1.1.2) Description of exclusion

We are in the process of establishing water baselines at our facilities and are in Phase 1 of collection - we are beginning with our global manufacturing facilities.

(9.1.1.3) Reason for exclusion

Select from:

☑ Data is not available

(9.1.1.4) Primary reason why data is not available

Select from:

☑ Data collection is in progress

(9.1.1.7) Percentage of water volume the exclusion represents

Select from:

☑ 100%

(9.1.1.8) Please explain

Tennant is in Phase 1 of establishing water baselines, and our current data collection efforts are focused on our global manufacturing facilities. We are working to expand our water reporting framework to include these areas as data becomes available in future phases of our water management initiatives.
[Add row]

(9.2) Across all your operations, what proportion of the following water aspects are regularly measured and monitored?

Water withdrawals – total volumes

(9.2.1) % of sites/facilities/operations

Select from:
☑ Not monitored

(9.2.4) Please explain

Tennant Company is in the process of establishing water baselines at our facilities, including water withdrawal volumes. We are in Phase 1 of collection and are beginning with our global manufacturing facilities.

Water withdrawals – volumes by source

(9.2.1) % of sites/facilities/operations

Select from:
☑ Not monitored

(9.2.4) Please explain

Tennant Company is in the process of establishing water baselines at our facilities, including water withdrawal volumes. We are in Phase 1 of collection and are beginning with our global manufacturing facilities.

Water withdrawals quality

(9.2.1) % of sites/facilities/operations

Select from:

☑ Not monitored

(9.2.4) Please explain

Tennant Company is in the process of establishing water baselines at our facilities, including water withdrawal data. We are in Phase 1 of collection and are beginning with our global manufacturing facilities.

Water discharges – total volumes

(9.2.1) % of sites/facilities/operations

Select from:
☑ Not monitored

(9.2.4) Please explain

Tennant Company is in the process of establishing water baselines at our facilities, including water discharge volumes. We are in Phase 1 of collection and are beginning with our global manufacturing facilities.

Water discharges – volumes by destination

(9.2.1) % of sites/facilities/operations

Select from:
☑ Not monitored

(9.2.4) Please explain

Tennant Company is in the process of establishing water baselines at our facilities, including water discharge volumes. We are in Phase 1 of collection and are beginning with our global manufacturing facilities.

Water discharges – volumes by treatment method

(9.2.1) % of sites/facilities/operations

Select from:

☑ Not monitored

(9.2.4) Please explain

Tennant Company is in the process of establishing water baselines at our facilities, including water discharge volumes. We are in Phase 1 of collection and are beginning with our global manufacturing facilities.

Water discharge quality – by standard effluent parameters

(9.2.1) % of sites/facilities/operations

Select from:

☑ Not monitored

(9.2.4) Please explain

This area will not likely be assessed at an organizational level in the near future. However, we are working to expand our water reporting framework, and these areas may be included in future phases of our water management initiatives if needed, material, or required.

Water discharge quality – emissions to water (nitrates, phosphates, pesticides, and/or other priority substances)

(9.2.1) % of sites/facilities/operations

Select from:

☑ Not monitored

(9.2.4) Please explain

This area will not likely be assessed at an organizational level in the near future. However, we are working to expand our water reporting framework, and these areas may be included in future phases of our water management initiatives if needed, material, or required.

Water discharge quality – temperature

(9.2.1) % of sites/facilities/operations

Select from:

☑ Not monitored

(9.2.4) Please explain

This area will not likely be assessed at an organizational level in the near future. However, we are working to expand our water reporting framework, and these areas may be included in future phases of our water management initiatives if needed, material, or required.

Water consumption – total volume

(9.2.1) % of sites/facilities/operations

Select from:

☑ 1-25

(9.2.2) Frequency of measurement

Select from:

☑ Continuously

(9.2.3) Method of measurement

Tennant Company relies on two methods for collecting water consumption data: direct meter readings and invoices from utility providers. While all facilities receive invoices for water data from utility companies, we are in the process of centralizing the reporting of water consumption data to the Sustainability Team on a monthly frequency to better incorporate water into our sustainability initiatives and planning.

(9.2.4) Please explain

Tennant Company is in the process of establishing water baselines at our facilities, including water consumption volumes. We are in Phase 1 of collection and are beginning with our global manufacturing facilities and corporate offices. We have a small amount of 2023 data available, as we are in the process of gathering this data at our facilities. We will expand this to more facilities in 2024.

Water recycled/reused

(9.2.1) % of sites/facilities/operations

Select from:

☑ Not monitored

(9.2.4) Please explain

This area will not likely be assessed at an organizational level in the near future. However, we are working to expand our water reporting framework, and these areas may be included in future phases of our water management initiatives if needed, material, or required.

The provision of fully-functioning, safely managed WASH services to all workers

(9.2.1) % of sites/facilities/operations

Select from:

☑ Not monitored

(9.2.4) Please explain

This area will not likely be assessed at an organizational level in the near future. However, we are working to expand our water reporting framework, and these areas may be included in future phases of our water management initiatives if needed, material, or required.
[Fixed row]

(9.2.2) What are the total volumes of water withdrawn, discharged, and consumed across all your operations, how do they compare to the previous reporting year, and how are they forecasted to change?

Total withdrawals

(9.2.2.6) Please explain

We are focusing on total water consumption at our facilities for the initial stage of data collection.

Total discharges

(9.2.2.6) Please explain

We are focusing on total water consumption at our facilities for the initial stage of data collection.

Total consumption

(9.2.2.2) Comparison with previous reporting year

Select from:
☑ This is our first year of measurement

(9.2.2.3) Primary reason for comparison with previous reporting year

Select from:
☑ Other, please specify **:**No comparison as 2024 will be our first year of measurement.

(9.2.2.4) Five-year forecast

Select from:
☑ Unknown

(9.2.2.5) Primary reason for forecast

Select from:
☑ Other, please specify **:**No ability to forecast at this time as 2024 will be our first year of measurement.

(9.2.2.6) Please explain

No ability to compare or forecast at this time as 2024 will be our first year of measurement.
[Fixed row]

(9.2.4) Indicate whether water is withdrawn from areas with water stress, provide the volume, how it compares with the previous reporting year, and how it is forecasted to change.

(9.2.4.1) Withdrawals are from areas with water stress

Select from:

☑ Yes

(9.2.4.3) Comparison with previous reporting year

Select from:

☑ This is our first year of measurement

(9.2.4.4) Primary reason for comparison with previous reporting year

Select from:

☑ Other, please specify **:**No ability assess volume at this time as 2024 will be our first year of measurement.

(9.2.4.5) Five-year forecast

Select from:

☑ Unknown

(9.2.4.6) Primary reason for forecast

Select from:

☑ Other, please specify **:**No ability to compare or forecast at this time as 2024 will be our first year of measurement.

(9.2.4.8) Identification tool

Select all that apply

☑ WWF Water Risk Filter

(9.2.4.9) Please explain

We used the WRI water risk tool to assess which facilities would be at higher risk.
[Fixed row]

(9.3) In your direct operations and upstream value chain, what is the number of facilities where you have identified substantive water-related dependencies, impacts, risks, and opportunities?

Direct operations

(9.3.1) Identification of facilities in the value chain stage

Select from:

☑ Yes, we have assessed this value chain stage and identified facilities with water-related dependencies, impacts, risks, and opportunities

(9.3.2) Total number of facilities identified

11

(9.3.3) % of facilities in direct operations that this represents

Select from:

☑ 1-25

(9.3.4) Please explain

We used the WRI water risk tool to assess which key facilities would be at higher risk. There are 11 facilities that were found to have either an extremely high or high risk for overall water risk, water stress, and/or water depletion.

Upstream value chain

(9.3.1) Identification of facilities in the value chain stage

Select from:

☑ No, we have not assessed this value chain stage for facilities with water-related dependencies, impacts, risks, and opportunities, but we are planning to do so in the next 2 years

(9.3.4) Please explain

Tennant Company is in Phase 1 of establishing water baselines, and our current data collection efforts are focused on our own manufacturing facilities. We are working to expand our water reporting framework, and may include potential assessment of upstream suppliers as data becomes available in future phases of our water management initiatives.
[Fixed row]

(9.3.1) For each facility referenced in 9.3, provide coordinates, water accounting data, and a comparison with the previous reporting year.

Row 1

(9.3.1.1) Facility reference number

Select from:
☑ Facility 1

(9.3.1.2) Facility name (optional)

Recon Center

(9.3.1.3) Value chain stage

Select from:
☑ Direct operations

(9.3.1.4) Dependencies, impacts, risks, and/or opportunities identified at this facility

Select all that apply
☑ Risks

(9.3.1.7) Country/Area & River basin

Mexico
☑ Other, please specify **:**Major Basin: Río Lerma Minor Basin: Verde Grande

(9.3.1.8) Latitude

21.885256

(9.3.1.9) Longitude

-102.291568

(9.3.1.10) Located in area with water stress

Select from:

☑ Yes

(9.3.1.29) Please explain

Using the WRI Aqueduct tool, we mapped our facilities to their overall water risk, water stress, water depletion, drought risk, coastal flood risk, and regulatory & reputational risks. This facility in Mexico was found to have extremely high overall water risk, extremely high water stress, and extremely high water depletion, with a medium drought risk, low coastal flood risk, and medium-high regulatory and reputational risk. Thus, we categorize this facility as a priority location.

Row 2

(9.3.1.1) Facility reference number

Select from:

☑ Facility 2

(9.3.1.2) Facility name (optional)

Service and Recon Center

(9.3.1.3) Value chain stage

Select from:

☑ Direct operations

(9.3.1.4) Dependencies, impacts, risks, and/or opportunities identified at this facility

Select all that apply

☑ Risks

(9.3.1.7) Country/Area & River basin

United States of America

☑ Trinity River (Texas)

(9.3.1.8) Latitude

32.774622

(9.3.1.9) Longitude

-97.048421

(9.3.1.10) Located in area with water stress

Select from:

☑ Yes

(9.3.1.29) Please explain

Using the WRI Aqueduct tool, we mapped our facilities to their overall water risk, water stress, water depletion, drought risk, coastal flood risk, and regulatory & reputational risks. This facility in Texas was found to have an low-medium overall water risk, but an extremely high water stress risk. Its water depletion risk is low-medium, its drought risk is medium, its coastal flood risk is low, and its regulatory and reputational risk is low. We categorize this facility as a priority location.

Row 3

(9.3.1.1) Facility reference number

Select from:

☑ Facility 3

(9.3.1.2) Facility name (optional)

Production facility

(9.3.1.3) Value chain stage

Select from:

☑ Direct operations

(9.3.1.4) Dependencies, impacts, risks, and/or opportunities identified at this facility

Select all that apply

☑ Risks

(9.3.1.7) Country/Area & River basin

China

☑ Yangtze River (Chang Jiang)

(9.3.1.8) Latitude

31.84581

(9.3.1.9) Longitude

117.05994

(9.3.1.10) Located in area with water stress

Select from:

☑ Yes

(9.3.1.29) Please explain

Using the WRI Aqueduct tool, we mapped our facilities to their overall water risk, water stress, water depletion, drought risk, coastal flood risk, and regulatory & reputational risks. This facility in China was found to have a high overall water risk, extremely high water stress, medium-high water depletion, medium-high drought risk, low coastal flood risk, and medium-high regulatory and reputational risk. Thus, we categorize this facility as a priority location.

Row 4

(9.3.1.1) Facility reference number

Select from:

☑ Facility 4

(9.3.1.2) Facility name (optional)

Production facility

(9.3.1.3) Value chain stage

Select from:

☑ Direct operations

(9.3.1.4) Dependencies, impacts, risks, and/or opportunities identified at this facility

Select all that apply

☑ Risks

(9.3.1.7) Country/Area & River basin

China

☑ Yangtze River (Chang Jiang)

(9.3.1.8) Latitude

31.83658

(9.3.1.9) Longitude

117.15341

(9.3.1.10) Located in area with water stress

Select from:

☑ Yes

(9.3.1.29) Please explain

Using the WRI Aqueduct tool, we mapped our facilities to their overall water risk, water stress, water depletion, drought risk, coastal flood risk, and regulatory & reputational risks. This facility in China was found to have a high overall water risk, extremely high water stress, medium-high water depletion, medium-high drought risk, low coastal flood risk, and medium-high regulatory and reputational risk. Thus, we categorize this facility as a priority location.

Row 5

(9.3.1.1) Facility reference number

Select from:

☑ Facility 5

(9.3.1.2) Facility name (optional)

Recon Center

(9.3.1.3) Value chain stage

Select from:

☑ Direct operations

(9.3.1.4) Dependencies, impacts, risks, and/or opportunities identified at this facility

Select all that apply

☑ Risks

(9.3.1.7) Country/Area & River basin

Spain

☑ Ebro

(9.3.1.8) Latitude

41.716502

(9.3.1.9) Longitude

-0.842498

(9.3.1.10) Located in area with water stress

Select from:

☑ Yes

(9.3.1.29) Please explain

Using the WRI Aqueduct tool, we mapped our facilities to their overall water risk, water stress, water depletion, drought risk, coastal flood risk, and regulatory & reputational risks. This facility in Spain was found to have a medium-high overall water risk, high water stress, medium-high water depletion, medium-high drought risk, low coastal flood risk, and low regulatory and reputational risk. Thus, we categorize this facility as a priority location.

Row 6

(9.3.1.1) Facility reference number

Select from:

☑ Facility 6

(9.3.1.2) Facility name (optional)

Service and Recon Center

(9.3.1.3) Value chain stage

Select from:

☑ Direct operations

(9.3.1.4) Dependencies, impacts, risks, and/or opportunities identified at this facility

Select all that apply

☑ Risks

(9.3.1.7) Country/Area & River basin

Canada

☑ St. Lawrence

(9.3.1.8) Latitude

43.585297

(9.3.1.9) Longitude

-79.644984

(9.3.1.10) Located in area with water stress

Select from:

☑ Yes

(9.3.1.29) Please explain

Using the WRI Aqueduct tool, we mapped our facilities to their overall water risk, water stress, water depletion, drought risk, coastal flood risk, and regulatory & reputational risks. This facility in Canada was found to have a medium-high overall water risk, high water stress, low-medium water depletion, low-medium drought risk, low coastal flood risk, and low regulatory and reputational risk. Thus, we categorize this facility as a priority location.

Row 7

(9.3.1.1) Facility reference number

Select from:

☑ Facility 7

(9.3.1.2) Facility name (optional)

Engineering

(9.3.1.3) Value chain stage

Select from:

☑ Direct operations

(9.3.1.4) Dependencies, impacts, risks, and/or opportunities identified at this facility

Select all that apply

☑ Risks

(9.3.1.7) Country/Area & River basin

United States of America

☑ Mississippi River

(9.3.1.8) Latitude

44.991715

(9.3.1.9) Longitude

-93.360003

(9.3.1.10) Located in area with water stress

Select from:

☑ Yes

(9.3.1.29) Please explain

Using the WRI Aqueduct tool, we mapped our facilities to their overall water risk, water stress, water depletion, drought risk, coastal flood risk, and regulatory & reputational risks. This facility in Minnesota was found to have a low-medium overall water risk, high water stress, low-medium water depletion, medium drought risk, low coastal flood risk, and low regulatory and reputational risk. Thus, we categorize this facility as a priority location.

Row 8

(9.3.1.1) Facility reference number

Select from:

☑ Facility 8

(9.3.1.2) Facility name (optional)

Service Center

(9.3.1.3) Value chain stage

Select from:

☑ Direct operations

(9.3.1.4) Dependencies, impacts, risks, and/or opportunities identified at this facility

Select all that apply

☑ Risks

(9.3.1.7) Country/Area & River basin

Canada

☑ Mississippi River

(9.3.1.8) Latitude

44.991715

(9.3.1.9) Longitude

-93.360003

(9.3.1.10) Located in area with water stress

Select from:

☑ Yes

(9.3.1.29) Please explain

Using the WRI Aqueduct tool, we mapped our facilities to their overall water risk, water stress, water depletion, drought risk, coastal flood risk, and regulatory & reputational risks. This facility in Minnesota was found to have a low-medium overall water risk, high water stress, low-medium water depletion, medium drought risk, low coastal flood risk, and low regulatory and reputational risk. Thus, we categorize this facility as a priority location.

Row 9

(9.3.1.1) Facility reference number

Select from:

☑ Facility 9

(9.3.1.2) Facility name (optional)

Production facility

(9.3.1.3) Value chain stage

Select from:

☑ Direct operations

(9.3.1.4) Dependencies, impacts, risks, and/or opportunities identified at this facility

Select all that apply

☑ Risks

(9.3.1.7) Country/Area & River basin

Canada

☑ Mississippi River

(9.3.1.8) Latitude

44.991715

(9.3.1.9) Longitude

-93.360003

(9.3.1.10) Located in area with water stress

Select from:

☑ Yes

(9.3.1.29) Please explain

Using the WRI Aqueduct tool, we mapped our facilities to their overall water risk, water stress, water depletion, drought risk, coastal flood risk, and regulatory & reputational risks. This facility in Minnesota was found to have a low-medium overall water risk, high water stress, low-medium water depletion, medium drought risk, low coastal flood risk, and low regulatory and reputational risk. Thus, we categorize this facility as a priority location.

Row 10

(9.3.1.1) Facility reference number

Select from:

☑ Facility 10

(9.3.1.2) Facility name (optional)

Recon Center

(9.3.1.3) Value chain stage

Select from:

☑ Direct operations

(9.3.1.4) Dependencies, impacts, risks, and/or opportunities identified at this facility

Select all that apply

☑ Risks

(9.3.1.7) Country/Area & River basin

United States of America

☑ Mississippi River

(9.3.1.8) Latitude

44.991715

(9.3.1.9) Longitude

-93.360003

(9.3.1.10) Located in area with water stress

Select from:

☑ Yes

(9.3.1.29) Please explain

Using the WRI Aqueduct tool, we mapped our facilities to their overall water risk, water stress, water depletion, drought risk, coastal flood risk, and regulatory & reputational risks. This facility in Minnesota was found to have a low-medium overall water risk, high water stress, low-medium water depletion, medium drought risk, low coastal flood risk, and low regulatory and reputational risk. Thus, we categorize this facility as a priority location.

Row 11

(9.3.1.1) Facility reference number

Select from:

☑ Facility 11

(9.3.1.2) Facility name (optional)

Production facility

(9.3.1.3) Value chain stage

Select from:

☑ Direct operations

(9.3.1.4) Dependencies, impacts, risks, and/or opportunities identified at this facility

Select all that apply

☑ Risks

(9.3.1.7) Country/Area & River basin

Netherlands

☑ Other, please specify **:**Major Basin: Maas Minor Basin: Meuse 1

(9.3.1.8) Latitude

51.663107

(9.3.1.9) Longitude

5.623923

(9.3.1.10) Located in area with water stress

Select from:

☑ Yes

(9.3.1.29) Please explain

Using the WRI Aqueduct tool, we mapped our facilities to their overall water risk, water stress, water depletion, drought risk, coastal flood risk, and regulatory & reputational risks. This facility in the Netherlands was found to have a low-medium overall water risk, high water stress, low-medium water depletion, medium drought risk, low coastal flood risk, and low regulatory and reputational risk. Thus, we categorize this facility as a priority location.
[Add row]

(9.3.2) For the facilities in your direct operations referenced in 9.3.1, what proportion of water accounting data has been third party verified?

Water withdrawals – total volumes

(9.3.2.1) % verified

Select from:

☑ Not verified

(9.3.2.3) Please explain

Tennant Company is in Phase 1 of establishing water baselines, and our current data collection efforts are focused on our global manufacturing facilities. We are working to expand our water reporting framework to include these areas, including potential data verification, as data becomes available in future phases of our water management initiatives.

Water withdrawals – volume by source

(9.3.2.1) % verified

Select from:

☑ Not verified

(9.3.2.3) Please explain

Tennant Company is in Phase 1 of establishing water baselines, and our current data collection efforts are focused on our global manufacturing facilities. We are working to expand our water reporting framework to include these areas, including potential data verification, as data becomes available in future phases of our water management initiatives.

Water withdrawals – quality by standard water quality parameters

(9.3.2.1) % verified

Select from:

☑ Not verified

(9.3.2.3) Please explain

Tennant Company is in Phase 1 of establishing water baselines, and our current data collection efforts are focused on our global manufacturing facilities. We are working to expand our water reporting framework to include these areas, including potential data verification, as data becomes available in future phases of our water management initiatives.

Water discharges – total volumes

(9.3.2.1) % verified

Select from:

☑ Not verified

(9.3.2.3) Please explain

Tennant Company is in Phase 1 of establishing water baselines, and our current data collection efforts are focused on our global manufacturing facilities. We are working to expand our water reporting framework to include these areas, including potential data verification, as data becomes available in future phases of our water management initiatives.

Water discharges – volume by destination

(9.3.2.1) % verified

Select from:

☑ Not verified

(9.3.2.3) Please explain

Tennant Company is in Phase 1 of establishing water baselines, and our current data collection efforts are focused on our global manufacturing facilities. We are working to expand our water reporting framework to include these areas, including potential data verification, as data becomes available in future phases of our water management initiatives.

Water discharges – volume by final treatment level

(9.3.2.1) % verified

Select from:

☑ Not verified

(9.3.2.3) Please explain

Tennant Company is in Phase 1 of establishing water baselines, and our current data collection efforts are focused on our global manufacturing facilities. We are working to expand our water reporting framework to include these areas, including potential data verification, as data becomes available in future phases of our water management initiatives.

Water discharges – quality by standard water quality parameters

(9.3.2.1) % verified

Select from:

☑ Not verified

(9.3.2.3) Please explain

Tennant Company is in Phase 1 of establishing water baselines, and our current data collection efforts are focused on our global manufacturing facilities. We are working to expand our water reporting framework to include these areas, including potential data verification, as data becomes available in future phases of our water management initiatives.

Water consumption – total volume

(9.3.2.1) % verified

Select from:

☑ Not verified

(9.3.2.3) Please explain

Tennant Company is in Phase 1 of establishing water baselines, and our current data collection efforts are focused on our global manufacturing facilities. We are working to expand our water reporting framework to include these areas, including potential data verification, as data becomes available in future phases of our water management initiatives.
[Fixed row]

(9.4) Could any of your facilities reported in 9.3.1 have an impact on a requesting CDP supply chain member?

(9.4) Comment

Select from:

☑ This is confidential

(9.5) Provide a figure for your organization’s total water withdrawal efficiency.

	Revenue (currency)	Anticipated forward trend
	1243600000	*No ability to compare or forecast at this time as 2024 will be our first year of measurement.*

[Fixed row]

(9.12) Provide any available water intensity values for your organization’s products or services.

Row 1

(9.12.5) Comment

Tennant Company products use water to clean in varying quantities depending on operator behavior, environment, and many other factors. See question 9.14 for information on technologies that help reduce the amount of water needed to operate Tennant Company equipment.
[Add row]

(9.13) Do any of your products contain substances classified as hazardous by a regulatory authority?

(9.13.1) Products contain hazardous substances

Select from:
☑ Unknown

(9.13.2) Comment

Tennant Company has not done an organization-wide assessment on our products to determine the proportion, if any, containing hazardous substances. Tennant Company will assess this area if data becomes available in future phases of our environmental management initiatives.
[Fixed row]

(9.13.1) What percentage of your company's revenue is associated with products containing substances classified as hazardous by a regulatory authority?

Row 1

(9.13.1.1) Regulatory classification of hazardous substances

Select from:

☑ Federal Water Pollution Control Act / Clean Water Act (United States Regulation)

(9.13.1.2) % of revenue associated with products containing substances in this list

Select from:

☑ Don't know

[Add row]

(9.14) Do you classify any of your current products and/or services as low water impact?

(9.14.1) Products and/or services classified as low water impact

Select from:

☑ Yes

(9.14.2) Definition used to classify low water impact

Tennant Company uses a comparative approach between products for assessing water impact and classifying a product as having a lower water impact.

(9.14.4) Please explain

We have a legacy of leadership in developing innovations that require fewer chemicals and less water. Eco-mode, adjustable solution flow, and ec-H2O NanoClean technology are our innovations that reduce water and chemical usage during the cleaning process. By continuing to drive innovations into our operations and

products, we can reduce our water footprint and help our customers reduce their water impacts. ec-H2O NanoClean technology electrically converts water into an innovative, detergent-free, solution that cleans effectively, saves money, reduces the amount of water needed to clean a given area versus conventional water. [Fixed row]

(9.15.3) Why do you not have water-related target(s) and what are your plans to develop these in the future?

(9.15.3.1) Primary reason

Select from:

☑ Important but not an immediate business priority

(9.15.3.2) Please explain

At present, Tennant does not have specific water-related targets because, while water is an important resource, it is not currently viewed as an immediate business opportunity or risk that requires urgent action. However, we recognize its significance and are actively monitoring water-related risks and opportunities. Water is assessed as part of our executive decision-making process, with board-level oversight ensuring that it remains a consideration in our long-term planning. As we continue to gather data and establish baselines, we plan to develop formal water-related targets that align with our broader sustainability and business objectives. [Fixed row]

C10. Environmental performance - Plastics

(10.1) Do you have plastics-related targets, and if so what type?

(10.1.1) Targets in place

Select from:

☑ No, and we do not plan to within the next two years

(10.1.3) Please explain

Due to a lack of resources and current business priorities, Tennant will not be reporting plastics targets to CDP over the next two years. At this time, plastics-related metrics are not considered material to the company's core operations or financial performance, and the allocation of resources is focused on other areas of greater relevance to its strategic goals. However, Tennant will continue to monitor developments and potentially reassess the establishment of plastics targets in the future. [Fixed row]

(10.2) Indicate whether your organization engages in the following activities.

Production/commercialization of plastic polymers (including plastic converters)

(10.2.1) Activity applies

Select from:

☑ No

(10.2.2) Comment

Not relevant to our products.

Production/commercialization of durable plastic goods and/or components (including mixed materials)

(10.2.1) Activity applies

Select from:

☑ Yes

(10.2.2) Comment

Tennant Company produces products that contain plastic.

Usage of durable plastics goods and/or components (including mixed materials)

(10.2.1) Activity applies

Select from:

☑ Yes

(10.2.2) Comment

Tennant Company produces products that contain plastic.

Production/commercialization of plastic packaging

(10.2.1) Activity applies

Select from:

☑ No

(10.2.2) Comment

Not relevant to our products.

Production/commercialization of goods/products packaged in plastics

(10.2.1) Activity applies

Select from:

☑ Yes

(10.2.2) Comment

Tennant Company produces products packaged in plastics.

Provision/commercialization of services that use plastic packaging (e.g., food services)

(10.2.1) Activity applies

Select from:

☑ No

(10.2.2) Comment

Not relevant to our products.

Provision of waste management and/or water management services

(10.2.1) Activity applies

Select from:

☑ No

(10.2.2) Comment

Not relevant to our products.

Provision of financial products and/or services for plastics-related activities

(10.2.1) Activity applies

Select from:

☑ No

(10.2.2) Comment

Not relevant to our products.

Other activities not specified

(10.2.1) Activity applies

Select from:
☑ No

(10.2.2) Comment

Not appliable.
[Fixed row]

(10.4) Provide the total weight of plastic durable goods and durable components produced, sold and/or used, and indicate the raw material content.

Durable goods and durable components sold

(10.4.7) Please explain

Tennant Company does not currently monitor the weight of plastic used in our products at this time. This is a priority that will be reassessed annually.

Durable goods and durable components used

(10.4.7) Please explain

Tennant Company does not currently monitor the weight of plastic used in our products at this time. This is a priority that will be reassessed annually.
[Fixed row]

(10.5) Provide the total weight of plastic packaging sold and/or used and indicate the raw material content.

Plastic packaging used

(10.5.2) Raw material content percentages available to report

Select all that apply

☑ None

(10.5.7) Please explain

Tennant Company does not currently monitor the plastic packaging used in our operations because it is not considered a material issue for the business at this time. Given the company's focus on other operational and sustainability priorities, resources are allocated to areas with a more significant impact on its performance and strategic goals. While our company recognizes the growing importance of environmental concerns, including plastics, it has determined that packaging data is not a critical focus and will be reassessed as priorities evolve.
[Fixed row]

(10.5.1) Indicate the circularity potential of the plastic packaging you sold and/or used.

Plastic packaging used

(10.5.1.1) Percentages available to report for circularity potential

Select all that apply

☑ None

(10.5.1.5) Please explain

Tennant Company does not currently monitor the plastic packaging used in its operations, including the circularity potential, because it is not considered a material issue for the business at this time. While our company recognizes the growing importance of environmental concerns, including plastics, it has determined that packaging data is not a critical focus and will be reassessed as priorities evolve.
[Fixed row]

(10.6) Provide the total weight of waste generated by the plastic you produce, commercialize, use and/or process and indicate the end-of-life management pathways.

Production of plastic

(10.6.12) Please explain

Tennant Company does not currently monitor the plastic packaging used in our operations because it is not considered a material issue for the business at this time. Given the company's focus on other operational and sustainability priorities, resources are allocated to areas with a more significant impact on its performance and strategic goals. While our company recognizes the growing importance of environmental concerns, including plastics, it has determined that packaging data is not a critical focus and will be reassessed as priorities evolve.

Commercialization of plastic

(10.6.12) Please explain

Tennant Company does not currently monitor the commercialization of plastic used in our operations.

Usage of plastic

(10.6.12) Please explain

Tennant Company does not currently monitor the usage of plastic used in our products.
[Fixed row]

C11. Environmental performance - Biodiversity

(11.2) What actions has your organization taken in the reporting year to progress your biodiversity-related commitments?

	Actions taken in the reporting period to progress your biodiversity-related commitments
	Select from: ☑ No, we are not taking any actions to progress our biodiversity-related commitments, but we plan to within the next two years

[Fixed row]

(11.3) Does your organization use biodiversity indicators to monitor performance across its activities?

	Does your organization use indicators to monitor biodiversity performance?
	Select from: ☑ No, we do not use indicators, but plan to within the next two years

[Fixed row]

(11.4) Does your organization have activities located in or near to areas important for biodiversity in the reporting year?

	Indicate whether any of your organization's activities are located in or near to this type of area important for biodiversity	Comment
Legally protected areas	*Select from:* ☑ No	*None of our our organization's activities are located in or near legally protected areas.*
UNESCO World Heritage sites	*Select from:* ☑ No	*None of our organization's activities are located in or near UNESCO World Heritage sites.*
UNESCO Man and the Biosphere Reserves	*Select from:* ☑ No	*None of our organization's activities are located in or near UNESCO Man and the Biosphere Reserves.*
Ramsar sites	*Select from:* ☑ No	*None of our organization's activities are located in or near Ramsar sites.*
Key Biodiversity Areas	*Select from:* ☑ Yes	*Our organization's activities in the United States, Italy and Belgium are located in the proximity to Key Biodiversity Areas.*
Other areas important for biodiversity	*Select from:* ☑ No	*None of our organization's activities are located in or near Other areas important for biodiversity.*

[Fixed row]

(11.4.1) Provide details of your organization’s activities in the reporting year located in or near to areas important for biodiversity.

Row 1

(11.4.1.2) Types of area important for biodiversity

Select all that apply

☑ Key Biodiversity Areas

(11.4.1.4) Country/area

Select from:

☑ United States of America

(11.4.1.5) Name of the area important for biodiversity

Allegan State Game Area & Kalamazoo River (Galesburg to Saugatuck)

(11.4.1.6) Proximity

Select from:

☑ Up to 50 km

(11.4.1.8) Briefly describe your organization's activities in the reporting year located in or near to the selected area

Our facility in Holland, MI, has offices, manufacturing and distribution of our products.

(11.4.1.9) Indicate whether any of your organization's activities located in or near to the selected area could negatively affect biodiversity

Select from:

☑ Not assessed

Row 2

(11.4.1.2) Types of area important for biodiversity

Select all that apply

☑ Key Biodiversity Areas

(11.4.1.4) Country/area

Select from:

☑ Italy

(11.4.1.5) Name of the area important for biodiversity

Venice Lagoon

(11.4.1.6) Proximity

Select from:
☑ Up to 50 km

(11.4.1.8) Briefly describe your organization’s activities in the reporting year located in or near to the selected area

Our facilities around Venice, Italy, have offices, manufacturing and distribution of our products.

(11.4.1.9) Indicate whether any of your organization’s activities located in or near to the selected area could negatively affect biodiversity

Select from:
☑ Not assessed

Row 3

(11.4.1.2) Types of area important for biodiversity

Select all that apply
☑ Key Biodiversity Areas

(11.4.1.4) Country/area

Select from:
☑ Belgium

(11.4.1.5) Name of the area important for biodiversity

Durme en Middenloop Van de Schelde

(11.4.1.6) Proximity

Select from:

☑ Up to 25 km

(11.4.1.8) Briefly describe your organization’s activities in the reporting year located in or near to the selected area

Our facility in Belgium is our EMEA headquarters and has offices.

(11.4.1.9) Indicate whether any of your organization’s activities located in or near to the selected area could negatively affect biodiversity

Select from:

☑ Not assessed

[Add row]