

SASB Content Index

TTI publishes disclosures under three Sustainability Accounting Standards Board (SASB) sections: Industrial Machinery and Goods Manufacturing; Appliances Manufacturing; and Electrical and Electronic Equipment Manufacturing.

| Accounting Metric | TTI's Approach | 2022 Disclosure |
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| RT-EE-130a.1 & RT-IG-130a.1 (1) Total energy consumed, (2) percentage grid electricity, (3) percentage renewable | At TTI, sustainability is a core value in all aspects of our business. Environmental sustainability is one of our key priorities, accordingly, we aim to manage our Scope 1, 2 and 3 GHG emissions. In this past year, TTI has mapped out a decarbonization pathway with concrete plans to reduce Scope 1 and 2 GHG emissions by 60% by 2030 as compared to 2021. The levers we use to achieve this target are energy efficiency, onsite renewable energy production and offsite renewable energy procurement. | Total Consumption: 1,758,168 GJ Grid Electricity: 61% Renewable Energy: 15% |
| RT-EE-150a.1 Amount of hazardous waste generated, percentage recycled | For waste that cannot be avoided, we are endeavoring to set global reduction targets that keep us accountable. Across our markets, building management facilities provide recycling and disposal options for hazardous and non-hazardous waste. | Hazardous Waste: 1,261 metric tons Hazardous Waste Recycled: 45% |
| RT-EE-150a.2 Number and aggregate quantity of reportable spills, quantity recovered | In addition, we always ensure that licensed professionals pick up hazardous waste for safe disposal. We have comprehensive waste management guidelines with training provided to our employees on the correct handling of waste. Guidelines are outlined in our Standard Operating Procedures on Waste Collection and Disposal. Our EHS teams are responsible for ensuring offices have the appropriate resources to comply with all policies and regulations. To improve our management, we continue to monitor waste types and quantities. We also conduct internal audits of our management processes and periodically work with third-party auditors to review these. We reuse and recycle components, products and materials whenever we can and aim to do more. | There were no reportable spills during the reporting period. |

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| CG-AM-250a.1 & RT-EE-250a.1 Number of (1) recalls issued and (2) total units recalled | Continual enhancement of safety standards, quality and compliance is the responsibility of our Product Safety Directors, committees and teams at our individual business units. TTI's safety measures are outlined in our Product Safety and Consumer Product Regulatory Compliance Policies, against which our Regional Product Safety Committees and Committee of Product Safety Directors from different business units implement stringent compliance monitoring and audit investigations. | In 2022, TTI did not have any voluntary or involuntary recalls. |
| CG-AM-250a.2 Discussion of process to identify and manage safety risks associated with the use of its products | Our quality control mechanisms oversee incoming materials, in-process products and inspection and reliability testing of our outgoing products. Thorough product safety hazard reviews are conducted before and after products are launched, with product recall policies and procedures in place, should immediate corrective actions be required. Any product recalls are managed by our legal teams and our safety and regulatory departments, ensuring all relevant laws are followed until their safe disposal. Safety reviews are carried out throughout the whole design and development process. More details can be found in our ESG Report section on Product Safety. | See TTI's Approach. |
| CG-AM-250a.3 & RT-EE-250a.2 Total amount of monetary losses as a result of legal proceedings associated with product safety | Hazard reviews and risk assessments are mandatory gating items in various phases of the new product development process. They follow the principles of ISO 12100:2010. These are based on knowledge and experience of the design, use, incidents, accidents and risks associated with machinery. Procedures are described for identifying hazards, estimating and evaluating risks during relevant phases of the machine life cycle End-user information is provided through mandatory safety warnings in the product manual and on the product. These follow the requirements of international safety standards to which TTI products are certified. In addition, there are online user guides for selected products. Active products are monitored through field reporting systems. Reported accidents, near-accidents and incidents, as well as customer complaints and online reviews pointing to potential compliance or safety issues, and any safety related findings in quality return analysis, are discussed in safety committee meetings and formal risk assessments are performed. Based on the results, possible measures such as production hold, inventory freeze, consumer warnings, product withdrawal and recall are implemented. Besides mandatory product certifications we hold ISO 9001:2015 and QC 080000:2017 certificates. Compliance with defined safety relevant processes and procedures are audited by 3rd-parties including SGS, CQC and ITS. | Not Applicable. |

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| RT-EE-410a.1 Percentage of products by revenue that contain IEC 62474 declarable substances. | To manage our impact, our core sustainability teams have been collaborating across business units to develop design guides for more sustainable consideration in our products. Circularity is a key consideration from the selection of the materials to designing for recycling, repairability and longevity. We also consider energy use while products are in operation and the end of life. A range of checklists are being continuously developed to provide education and guidance on the principles of sustainability and circular economy and help our associates make the right decisions when it comes to the choice of raw materials and the use of resources across all phases of the product lifecycle. Our processes consider reliability, durability, repairability, refurbishing and recycling aspects that are further explored on Circular Economy. | Percentage of products by revenue that contain IEC 62474 Declarable Substances: 93.02% (represents portion of Power Tools and Equipment revenue). We seek to use viable alternatives to declarable substances when practicable. We manage the use of declarable substances on a case-by-case basis, including by working with our suppliers to control their manufacturing processes to meet relevant thresholds and performing substitute assessments for certain product categories. |
| RT-EE-410a.2 Percentage of eligible products, by revenue, that meet ENERGY STAR criteria | | Not Applicable. |
| RT-EE-410a.3 Revenue from renewable energy-related and energy efficiency-related product | | Revenue From Renewable Energy-Related And Energy Efficiency-Related Product: US\$8.6 billion. |

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| CG-AM-410a.1 Percentage of eligible products by revenue certified to the ENERGY STAR® program | Choosing materials that are recyclable and less harmful for the planet continues to be a priority at all stages of our product lifecycle. Our R&D teams are focused on optimizing our products and understanding the impact of our choices. | Not Applicable. |
| CG-AM-410a.2 Percentage of eligible products certified to an Association of Home Appliance Manufacturers (AHAM) sustainability standard | Environmental impact is a key consideration of our product design principles. To further manage our impact, various teams across the Group have been collaborating to create a sustainable design guide for our products. We also consider energy use while products are in operation and prioritize end of life treatment. | Not Applicable. |
| CG-AM-410a.3 Description of efforts to manage products' end-of-life impacts | A range of checklists are being continuously developed to provide education and guidance on the principles of sustainability and circular economy and help our associates make the right decisions when it comes to the choice of raw materials and the use of resources across all phases of the product lifecycle. Our processes consider reliability, durability, repairability, refurbishing and recycling aspects that are further explored on Circular Economy. | To manage end-of-life impacts, please see the following principles: 3.1 TTI continuously explores the use of various materials that are easily and commonly recyclable in existing recycling infrastructure. 3.2 TTI complies with local requirements for its markets including but not limited to HSF, CP65, RoHS and REACH in order to eliminate or minimize the use of hazardous materials or materials that may otherwise pose environmental harm upon disposal (e.g., refrigerants with ozone depleting potential and/or global warming potential). 3.3 Designing products for easy repairable and disassembly (i.e., designing products so they can be easily, rapidly, and cost-effectively disassembled with commonly available tools). 3.4 Proper labelling of products and their certain component materials (mainly plastics) to facilitate disassembly and recycling. |

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| RT-EE-510a.1 Description of policies and practices for prevention of: (1) corruption and bribery and (2) anti-competitive behavior | High ethical standards are core to TTI's culture and serve as the foundation for embedding sustainability in all aspects of our business. These standards are articulated in our Code of Ethics and Business Conduct (CoC). The CoC serves as a guide for conducting business with openness in accordance with all legal requirements while stipulating how to manage conflicts of interest and insider information. This Code also provides guidelines on the protection of human rights, and is communicated to all employees at all our subsidiaries in 22 languages. Apart from the CoC, our operations are guided by several other policies that outline governance practices and expectations. These are included in our Employee Handbook and shared with employees globally, either through our e-learning platform or face to face. | Please see the Ethics and Integrity section on p.102-107 of this report. See TTI's Approach. |
| RT-EE-510a.2 Total amount of monetary losses as a result of legal proceedings associated with bribery or corruption | We ensure that information about our policies and details on how to report violations are also available in local languages at all work sites for those without computer access. All employees, officers and directors are required to acknowledge the CoC and other policies. | No legal proceedings associated with bribery or corruption in the reporting year. |
| RT-EE-510a.3 Total amount of monetary losses as a result of legal proceedings associated with anti-competitive behavior regulations | | Not Material. |

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| RT-IG-320a.1 (1) Total recordable incident rate (TRIR), (2) fatality rate, and (3) near miss frequency rate (NMFR) | To ensure our facilities are well prepared to safeguard workers, we implement occupational health and safety (OHS) management systems at all our facilities. Our comprehensive Environmental Health & Safety (EHS) and Occupational Hazard Management Policies are aligned with all relevant legal requirements. These policies stipulate our commitments and responsibilities, identifying risks and hazards and setting out procedures to minimize any potential harm to workers. Monitoring protocols and procedures for investigating health and safety violations and implementing corrective actions are also covered in these comprehensive policies. Please see p.70-73 of this report. | TRIR: 0.98 Fatality rate in 2022: 0 NMFR: Not available. |

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| RT-IG-410a.1 Sales-weighted fleet fuel efficiency for medium – and heavy- duty vehicles | Managing our emissions is an important aspect of our climate mitigation strategy. Our manufacturing processes, transportation, downstream use of our products, office operations and supply chain are all sources of air and GHG emissions. | Not Applicable. |
| RT-IG-410a.2 Sales-weighted fuel efficiency for non-road equipment | As part of our decarbonization program, we have reviewed our Scope 1, 2 and 3 GHG emissions. Scope 1 emissions arise from onsite operations and company-operated vehicles; Scope 2 result indirectly from purchased electricity; and Scope 3 emissions arise from the materials we purchase, business travel, other forms of transportation, waste generation, water consumption and also energy utilized to operate our products. In this past year, we have mapped out a decarbonization pathway with concrete plans to reduce Scope 1 and 2 GHG emissions by 60% by 2030 as compared to 2021. To achieve this target, we are implementing energy efficiency measures, onsite and off-site renewable energy and electrification of our fleet. We are also striving to address our wider Scope 3 emissions beyond our direct operations through various initiatives such as circular economy practices. | May be applicable, but not available. |
| RT-IG-410a.3 Sales- weighted fuel efficiency for stationary generators | | May be applicable, but not available. |
| RT-IG-410a.4 Sales-weighted emissions of (1) nitrogen oxides (NOx) and (2) particulate matter (PM): (a) marine diesel engines, (b) locomotive diesel engines, (c) on-road medium – and heavy-duty engines, and (d) other non -road diesel engines | | May be applicable, but not available. |

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| RT-IG-440a.1 & RT-EE-440a.1 Description of the management of risks associated with the use of critical materials | TTI has a global and diverse supply chain and the risk associated with the use of critical materials are regularly assessed and mitigated. | Please see the Supply Chain Accountability Section on p.108-113 and Resources Materials and Waste section on p.52-57 of this report. |
| RT-IG-440b.1 Revenue from remanufactured products and remanufacturing services | We incorporate the circularity concept into the full product lifecycle, from the selection of the materials to the design for reparability, longevity, the energy use while products are in operation and the end of life treatment. We have a number of repair and service centers as well as factory outlets with a reconditioning program that extends the longevity of our products without affecting quality. | Revenue from remanufactured products and remanufacturing services: US\$27.1 million. |
| RT-EE-000.A 1. Provide the number of units produced by the following product categories: -Energy generation -Energy delivery -Lighting and indoor climate control electronics | | Proprietary information not to be disclosed. |
| RT-IG-000.A Provide the number of units produced by the product categories in the table below. -Vehicles and agricultural and construction equipment -Engines and power generation equipment -Parts and components | | Proprietary information not to be disclosed. |
| CG-AM-000.A Provide the number of units produced by product category. | | Proprietary information not to be disclosed. |
| RT-IG-000.B, RT-EE-000.B Provide the total number of employees working in the industrial manufacturing facilities. | As of December 31, 2022, TTI employed 44,900 employees globally. | As of December 31, 2022, TTI employed 44,900 employees globally. |