

SASB index

SASB disclosure indicators – Semiconductors

GHG emissions

Code	Accounting metric	ST 2023 data and/or disclosure location
TC-SC-110a.1	(1) Gross global Scope 1 emissions and (2) amount of total emissions from perfluorinated compounds	(1) 513,721 Metric tons (2) 435,806 Metric tons CO ₂ eq
TC-SC-110a.2	Discussion of long-term and short-term strategy or plan to manage Scope 1 emissions, emissions reduction targets, and an analysis of performance against those targets	Energy and climate change

Energy management in manufacturing

Code	Accounting metric	ST 2023 data and/or disclosure location
TC-SC-130a.1	(1) Total energy consumed, (2) percentage grid electricity, (3) percentage renewable	(1) 11,076,718 GJ (2) 92.1% (3) 65.0%

Water management

Code	Accounting metric	ST 2023 data and/or disclosure location
TC-SC-140a.1	(1) Total water withdrawn, (2) total water consumed, (3) percentage of each in regions with high or extremely high baseline water stress	(1) 23,999 thousand m ³ (2) 41,117 thousand m ³ (3) 5% of water withdrawn in water stress region

Waste management

Code	Accounting metric	ST 2023 data and/or disclosure location
TC-SC-150a.1	(1) Amount of hazardous waste from manufacturing, (2) percentage recycled	(1) 37,399 tons of hazardous waste from manufacturing (2) 95.8% of hazardous waste recycled


Employee health and safety

Code	Accounting metric	ST 2023 data and/or disclosure location
TC-SC-320a.1	Description of efforts to assess, monitor, and reduce exposure of employees to human health hazards	Health and safety Chemicals
TC-SC-320a.2	Total amount of monetary losses as a result of legal proceedings associated with employee health and safety violations	As of December 31, 2023 and 2022, respectively, provisions for estimated probable losses with respect to claims and legal proceedings were not considered material. 2023 Annual Report (Form-20F) on www.stm.com (page F-55)

Recruiting and managing a global and skilled workforce

Code	Accounting metric	ST 2023 data and/or disclosure location
TC-SC-330a.1	Percentage of employees that are: (1) foreign nationals and (2) located offshore	ST's sustainability report includes headcount by region, by gender, by category (People indicators). Percentage of foreign nationals is not disclosed.


Product lifecycle management

Code	Accounting metric	ST 2023 data and/or disclosure location
TC-SC-410a.1	Percentage of products by revenue that contain IEC 62474 declarable substances	We do not disclose this information. Our approach to product hazardous substances is available in Sustainable technology and Chemicals .
TC-SC-410a.2	Processor energy efficiency at a system-level for: (1) servers, (2) desktops and (3) laptops	We do not track this information. Our approach to product efficiency is available in Sustainable technology and energy efficiency by product category and lifecycle on www.st.com 

Materials sourcing

Code	Accounting metric	ST 2023 data and/or disclosure location
TC-SC-440a.1	Description of the management of risks associated with the use of critical materials	Responsible mineral sourcing Conflict minerals reports on www.st.com 


Intellectual property protection and competitive behavior

Code	Accounting metric	ST 2023 data and/or disclosure location
TC-SC-520a.1	Total amount of monetary losses as a result of legal proceedings associated with anti-competitive behavior regulations	As of December 31, 2023 and 2022, respectively, provisions for estimated probable losses with respect to claims and legal proceedings were not considered material. 2023 Annual Report (Form-20F) on www.st.com  (page F-55)


TCFD index

The following index provides information and links to ST's disclosures on climate-related risks and opportunities, as recommended by the TCFD framework.

Governance

TCFD recommended disclosure and location	ST description
Recommended disclosure Disclose the organization's governance around climate-related risks and opportunities. Disclosure location Governance Our approach to the environment Supervisory Board on investors.st.com  Sustainability Committee Charter on investors.st.com 	<p>The Managing Board is responsible for directing our sustainability roadmap, and the Supervisory Board is responsible for overseeing it, considering both risk and opportunity. The Executive Committee holds quarterly meetings attended by our President and CEO, Presidents, and Executive Vice Presidents to review sustainability performance and targets.</p> <p>Our dedicated Sustainability Committee supports and advises the Supervisory Board with sustainability strategy, goals, and performance including climate-related risks and opportunities.</p> <p>Our executive Sustainability Council validate our sustainability strategy and maintain business alignment as well as ensuring the adequate means are in place to deploy the relevant corporate programs, including our carbon neutrality program.</p> <p>Our Corporate Sustainability function is responsible for developing our sustainability strategy and programs. Organization and site Sustainability Champions implement programs at operational levels.</p>

Strategy

TCFD recommended disclosure and location	ST description
Recommended disclosure Disclose the actual and potential impacts of climate-related risks and opportunities on the organization's businesses, strategy, and financial planning where such information is material. Disclosure location Risk management Sustainability strategy Sustainable technology Energy and climate change EU Taxonomy 2023 Annual report (Form 20-F) at investors.st.com  (page 23)	<p>We are proactively addressing the transition to a lower-carbon economy in our corporate strategy.</p> <p>Based on the risk management process described below, we act on the most material risks and opportunities such as climate change mitigation and adaptation, water challenges and positive impact opportunities both in communities where we operate and markets we serve.</p> <p>Simultaneously, we are actively investing in developing and launching new products to help our customers implement new energy-saving and substantial GHG reduction applications.</p>

Risk Management

TCFD recommended disclosure and location	ST description
Recommended disclosure Disclose how the organization identifies, assesses, and manages climate-related risks. Disclosure location Risk management Sustainability strategy Energy and climate change	<p>Company-level sustainability risks are addressed by our Enterprise Risk Management program, which is aligned with ISO 31000. We have deployed a process to continuously identify and assess policy, legal, technology, and market transition risks, across the short-, medium- and long-terms.</p> <p>In 2023, we commissioned an update of the science-based study from AXA Climate to assess the current and future climate risks on our 155 most critical locations (ST and partner sites in 25 countries). In addition to these global analyses, we also carry out site-specific studies on natural hazards, according to local conditions.</p> <p>Our various climate-related analyses inform our site-level business interruption risk assessments and business impact analyses, as well as our site resilience index. Ultimately, they feed into our regularly updated improvement, mitigation, and adaptation plans, helping us address environmental and resilience issues in the medium to long term.</p>

Metrics and targets

TCFD recommended disclosure and location	ST description
<p>Recommended disclosure</p> <p>Disclosure of the metrics and targets used to assess and manage relevant climate-related risks and opportunities where such information is material.</p> <p>Disclosure location</p> <p>Energy and climate change</p> <p>Environmental indicators</p> <p>Sustainable technology</p> <p>EU Taxonomy</p>	<p>ST follows the GHG Protocol for managing and reporting its GHG emissions on which we are fully certified ISO 14064. Our roadmap to carbon neutrality by 2027 includes two 2025 specific targets validated by the Science Based Targets initiative: 50% reduction of direct and indirect emissions compared to 2018, and the sourcing of 80% renewable energy.</p> <p>As an intermediate product manufacturer, we enable the manufacturing of low-carbon technologies. Our activities which aim at contributing to climate change mitigation and climate change adaptation, are the manufacturing of electronic components that enable other sustainable economic activities and applications. For the financial year 2023, the proportion of turnover from products associated with Taxonomy-aligned economic activities reached 12% compared to 9% in 2022.</p>