

SASB index

The Sustainability Accounting Standards Board (SASB) provides industry specific disclosures to help organizations identify risks and opportunities that affect enterprise value. The index below includes ST's disclosures aligned with the Sustainability Accounting Standards Board (SASB) framework, Semiconductors standards.

SASB disclosure indicators – Semiconductors			
Code	Topic	Accounting metric	ST 2022 data and/or disclosure location
TC-SC-110a.1	GHG emissions	(1) Gross global Scope 1 emissions and (2) amount of total emissions from perfluorinated compounds	(1) 503,537 Metric tons (2) 419,134 Metric tons CO ₂ eq
TC-SC-110a.2	GHG emissions	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 › Page 101
TC-SC-130a.1	Energy management in manufacturing	(1) Total energy consumed, (2) percentage grid electricity, (3) percentage renewable	(1) 10,363,957 GJ (2) 91.6% (3) 56.6%
TC-SC-140a.1	Water management	(1) Total water withdrawn, (2) total water consumed, (3) percentage of each in regions with High or Extremely High Baseline Water Stress	(1) 22,507 thousand m ³ (2) 38,638 thousand m ³ (3) 4% of water withdrawn in water stress region
TC-SC-150a.1	Waste management	(1) Amount of hazardous waste from manufacturing, (2) percentage recycled	(1) 24,604 tons of hazardous waste from manufacturing (2) 94.7% of hazardous waste recycled
TC-SC-320a.1	Employee health and safety	Description of efforts to assess, monitor, and reduce exposure of employees to human health hazards	Health and safety › Page 67 Chemicals › Page 118
TC-SC-320a.2	Total amount of monetary losses as a result of legal proceedings associated with employee health and safety violations		As in 2021 and 2022, provisions for estimated probable losses with respect to claims and legal proceedings were not considered material. 2022 Annual Report (Form-20F) on www.st.com (page F-53)
TC-SC-330a.1	Recruiting & managing a global & skilled workforce	Percentage of employees that are (1) foreign nationals and (2) located offshore	We do not believe this metric is relevant to our organization due to the global nature of our business model. We track and disclose human capital metrics including but not limited to, headcount by region, job type and gender, employee engagement, training and development People indicators › Page 89 .
TC-SC-410a.1	Product lifecycle management	Percentage of products by revenue that contain IEC 62474 declarable substances	We do not track this metric as we do not believe it represents an effective way to evaluate our performance in this area. Information on our approach and the standard we use can be found in Chemicals › Page 118 .
TC-SC-410a.2	Product lifecycle management	Processor energy efficiency at a system-level for: (1) servers, (2) desktops and (3) laptops	We do not track this information as it is not relevant to our business. We do not manufacture processors for servers, desktops, and laptops. Our approach to product efficiency is available in Sustainable technology › Page 55 and energy efficiency by product category and lifecycle on www.st.com .
TC-SC-440a.1	Materials sourcing	Description of the management of risks associated with the use of critical materials	Responsible mineral sourcing › Page 134 . Conflict minerals reports on www.st.com
TC-SC-520a.1	Intellectual property protection and competitive behavior	Total amount of monetary losses as a result of legal proceedings associated with anti-competitive behavior regulations	As in 2021 and 2022, provisions for estimated probable losses with respect to claims and legal proceedings were not considered material. 2022 Annual Report (Form-20F) on www.st.com (page F-53)

TCFD index

In 2020, we announced our commitment to becoming carbon neutral by 2027. To support this transition, we have aligned our disclosures with the Task Force on Climate related Financial Disclosures (TCFD). The index below provides information and links to ST's disclosures on climate-related risks and opportunities, as recommended by the TCFD.

TCFD			
Disclosure	TCFD recommended disclosure	ST description	Disclosure location
Governance	Disclose the organization's governance around climate-related risks and opportunities.	Our Supervisory Board and Managing Board are respectively responsible for overseeing and directing our sustainability roadmap, considering both risk and opportunity. Our dedicated Sustainability Committee supports and advises the Supervisory Board with sustainability strategy, goals, and performance including climate-related risks and opportunities. Our Executive Committee and 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. Our Corporate Sustainability function is responsible for developing our sustainability strategy and programs. These are then implemented at operational levels by central functions and local sustainability committees who develop a roadmap according to their specificities and needs.	Governance › Page 24 Supervisory Board on www.st.com Sustainability Committee Charter, annex F on investors.st.com
Strategy	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.	We are proactively addressing the transition to a lower-carbon economy in our corporate strategy. 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. Simultaneously, we are actively investing in developing and launching new products to help our customers implement new energy-saving and substantial GHG reduction applications.	Risk management › Page 31 Sustainability strategy › Page 37 Sustainable technology › Page 55 Our approach to the environment (Biodiversity) › Page 98 Energy and climate change › Page 101 Water › Page 108 2022 Annual report (Form 20-F) at www.st.com (page 20)
Risk Management	Disclose how the organization identifies, assesses, and manages climate-related risks.	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. In 2022, a specific science-based study provided by an external party has been fully deployed to main ST and outsourcing sites. This allows us to assess the current climate risks and associated natural hazards which are therefore embedded into our site-level risk assessments. This is complemented by further ad-hoc analyses and studies, in particular at site-level. Our environmental and resilience teams work closely together to address physical risks resulting from climate change that are either chronic (induced by longer-term shifts in climate patterns) or acute (event-driven).	Risk management › Page 31 Sustainability strategy › Page 37 Energy and climate change › Page 101
Metrics and targets	Disclosure of the metrics and targets used to assess and manage relevant climate-related risks and opportunities where such information is material.	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 and in compliance with the 1.5°C scenario defined at the Paris COP21: 50% reduction of direct and indirect emissions compared to 2018, and the sourcing of 80% renewable energy. As an intermediate product manufacturer, we enable the manufacturing of low-carbon technologies and products that aim at reducing GHG emissions. In 2022, 38% of our revenues derive from products that aim at substantial contribution to climate change mitigation.	Energy and climate change › Page 101 Environmental indicators › Page 123 Sustainable technology › Page 55 EU Taxonomy › Page 147