

# SASB content index

In 2023, Metsä Board Corporation's reporting complies with the SASB Pulp & Paper Products industry standard, which belongs to the SASB Renewable Resources & Alternative Energy sector. The following table contains references to further details in the Sustainability statement (2022 figures in brackets). The information in the table has been assured by a third party (limited assurance).

CODE	METRIC	CATEGORY	COMMENTS AND REFERENCES
<b>Greenhouse gas emissions</b>			
RR-PP-110a.1.	Gross global Scope 1 emissions	Quantitative	201,984 t CO <sub>2</sub> e (264,961)
RR-PP-110a.2	Discussion of long- and short-term strategy or plan to manage Scope 1 emissions, emissions reduction targets, and an analysis of performance against those targets.	Discussion and analysis	E1 Climate change, pp. 33–39
<b>Air quality – Emissions to air</b>			
RR-PP-120a.1	NO <sub>2</sub>	Quantitative	1,285 t (1,226)
	SO <sub>2</sub>	Quantitative	176 t (418)
	Volatile Organic Compounds (VOC)	Quantitative	Metsä Board's production processes do not generate substantial amounts of VOCs, and Metsä Board is not obligated to measure them regularly. Metsä Board therefore does not consider VOCs material in terms of disclosure.
	Particulate Matter (PM)	Quantitative	55 t (285)
	Hazardous Air Pollutants (HAP)	Quantitative	Metsä Board's production processes do not generate substantial amounts of HAPs, and Metsä Board is not obligated to measure them regularly. Metsä Board does not therefore consider HAPs material in terms of disclosure.
<b>Energy management</b>			
RR-PP-130a.1	Total energy consumed	Quantitative	7,648 GWh, or 27,534,262 GJ (8,561; 30,819,600) According to established practice, the company reports its energy consumption based on lower heating values, E1 Climate change, pp. 33–39.
	Percentage grid electricity	Quantitative	18% (22)
	Percentage from biomass	Quantitative	73% (67)
	Percentage from other renewable energy	Quantitative	0.5% (3) In addition to renewable energy sources, nuclear power produced without fossil fuels plays an important role in achieving the company's fossil free target.
	Total self-generated energy	Quantitative	4,965 GWh, or 17,872,686 GJ (4,941; 17,787,600) Of this, 4,491 GWh, or 16,168,792 GJ (4,345; 15,642,000) was renewable energy. A total of 70 GWh, or 253,139 GJ (67; 241,200) of energy was sold outside Metsä Board. Of the energy sold, 62 GWh, or 222,998 GJ, was renewable.
	Risks and uncertainties associated with the use of biomass for energy.	Discussion and analysis	The biomass we use mainly consists of the black liquor, bark and logging residue generated in our production and wood supply. We have performed a risk analysis of the biomass, and all the biomass we use is climate neutral in accordance with EU regulations and meets the EU's sustainability criteria. Should the sustainability criteria change in the long run, some additional costs may be allocated to biomass's energy use.
<b>Water management</b>			
RR-PP-140a.1	Total water withdrawn	Quantitative	101,943 (1,000 m <sup>3</sup> ) (114,465) total water withdrawn 101,884 (1,000 m <sup>3</sup> ) (114,401) of surface water 58 (1,000 m <sup>3</sup> ) (65) of groundwater
	Total water consumed	Quantitative	3,873 (1,000 m <sup>3</sup> ) (4,579)
	Percentage of each in regions with high or extremely high baseline water stress	Quantitative	0% of the eight production units or integrated mills are located in regions of high or extremely high baseline water stress or high or extremely high overall water risk (WRI Aqueduct Water Risk Atlas), E3 Water and marine resources, pp. 41–42.
RR-PP-140a.2	Description of water management risks and discussion of strategies and practices to mitigate those risks.	Discussion and analysis	E3 Water and marine resources, pp. 41–42
<b>Supply chain management</b>			
RR-PP-430a.1	Percentage of wood fibre sourced from 1) third-party certified forestlands, and percentage to each standard; and 2) meeting other fibre sourcing standards and percentage to each standard.	Quantitative	1) 91% (83) of the wood fibre used by the company is sourced from PEFC- or FSC®-certified forests. 2) 9% (17) of the fibre used by the company meets the criteria for PEFC Controlled Sources and FSC Controlled Wood. Licence codes: PEFC/02–31–92 and FSC®-C001580.  In the company's opinion, the properties of PEFC- and FSC-certified wood fibre do not differ from one another, which is why the company has not disclosed the percentages of each stand-ard separately, G1 Business conduct, pp. 64–69.
RR-PP-430a.2	Amount of recycled and recovered fibre procured	Quantitative	0 t (0) The company produces premium paperboards made from traceable fresh fibre that is also suitable for demanding end uses requiring a high level of hygiene. The company promotes the circular economy across its value chain. The company has conducted life-cycle assessments for all its products, E5 Resource use and circular economy, pp. 46–49. The company is prepared for reputational and physical risks related to forest use, E1 Climate change, pp. 33–39 and E4 Biodiversity and ecosystems, pp. 43–46.
<b>Activity metrics</b>			
RR-PP-000.A	Pulp production	Quantitative	996,625 t (1,409,000) chemical pulp and BCTMP
RR-PP-000.B	Paper production	Quantitative	1,318,766 t (1,890,000) folding boxboard and white kraftliner
RR-PP-000.C	Total wood fibre sourced	Quantitative	6.3 million m <sup>3</sup> (8.3). It is the company's established custom to indicate volume as cubic metres rather than as tonnes.