

Disclosure in accordance with the SASB Standard

In 2024, 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 (2023 figures in brackets). The information, excluding the share of grid electricity and the amount of energy sold, is based on Metsä Board's Sustainability statement, which is assured by a third party (limited assurance).

| CODE | ACCOUNTING METRIC | CATEGORY | COMMENTS AND REFERENCES |
|---------------------------------|--|-------------------------|--|
| Greenhouse gas emissions | | | |
| RR-PP-110a.1. | Gross global Scope 1 emissions (gross) | Quantitative | 192,098 tn CO ₂ e (202,227) |
| RR-PP-110a.2 | Discussion of long-term and shortterm strategy or plan to manage Scope 1 emissions, emissions reduction targets, and an analysis of performance against those targets. | Discussion and analysis | <i>E1 Transition plan for climate change mitigation and adaptation</i> |
| Air quality | | | |
| RR-PP-120a.1 | NO _x (excluding N ₂ O) | Quantitative | 1,363 tn (1,285) |
| | SO ₂ | Quantitative | 184 tn (176) |
| | Volatile Organic Compounds (VOCs) | 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 | 33 tn (55) |
| | Hazardous Air Pollutants (HAPs) | 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. |
| Energy management | | | |
| RR-PP-130a.1 | Total energy consumed | Quantitative | 8,252 GWh, or 29,708 863 GJ (7,719; 27,787,399) According to established practice, the company reports its energy consumption based on lower heating values, <i>E1 Energy consumption by energy source</i> -table |
| | Percentage grid electricity | Quantitative | 17% (18) |
| | Percentage from biomass | Quantitative | 73% (73) |
| | Percentage from other renewable energy | Quantitative | 1.2% (0.5) 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 | 5,258 GWh, or 18,928,930 GJ (4,965; 17,872,686) Of this, 4,841 GWh, or 17,426,963 GJ (4,491; 16,168,792) was renewable energy. A total of 68 GWh, or 246,488 GJ (70; 253,139) of energy was sold outside Metsä Board. Of the energy sold, 61 GWh, or 220,950 GJ (62; 222,998) was renewable. |
| | Risks and uncertainties related to the use of biomass as an energy source | Discussion and analysis | Metsä Board is subject to the European Emissions Trading System (EU ETS).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. It is expected that the allocation of free emission allowances will end after 2025 for plants where, on average, more than 95 percent of greenhouse gas emissions were caused by the combustion of sustainable biomass during the years 2019–2023. |
| Water management | | | |
| RR-PP-140a.1 | Total water withdrawn | Quantitative | 105,829 (1,000 m ³) (101,943) total water withdrawn 105,796 (1,000 m ³) (101,884) of surface water 33 (1,000 m ³) (58) of groundwater |
| | Total water consumed, percentage of each in regions with High or Extremely High Baseline Water Stress | Quantitative | 5,189 (1,000 m ³) (3,874) 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), <i>E3 Water withdrawals and consumption and wastewater discharges</i> -table. |
| RR-PP-140a.2 | Description of water management risks and discussion of strategies and practices to mitigate those risks | Discussion and analysis | <i>E3 Impacts, risks and opportunities related to water and marine resources</i> |
| Supply chain management | | | |
| 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) 92% (91) of the wood fibre used by the company is sourced from PEFC- or FSC®-certified forests. 2) 8% (9) 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 standard separately. More information in the Sustainability statement under <i>G1 - Business Conduct</i> . |
| RR-PP-430a.2 | Amount of recycled and recovered fibre procured | Quantitative | 0 tons (0) of recycled fiber were used in Metsä Board's products. 7,824 tons (7,824) of recycled fiber were procured for the cores of paperboard reels. Metsä Board produces premium paperboards made from pure, traceable fresh fibre also suitable for demanding end uses requiring a high level of hygiene. We promote the circular economy throughout our value chain. The company has conducted life cycle analysis for all of its products, more information can be found from the Sustainability statement section <i>E5 - Resource Use and Circular Economy Actions</i> . The company is prepared for the reputational and physical risks associated with forest use, which is discussed more under sections <i>E1 - Climate Change</i> and <i>E4 - Biodiversity and Ecosystems</i> . |
| Activity metrics | | | |
| RR-PP-000.A | Pulp production | Quantitative | 1,122,795 tn (996,625) chemical pulp and BCTMP |
| RR-PP-000.B | Paper production | Quantitative | 1,539,195 tonnes (1,318,766) folding boxboard and white kraftliners |
| RR-PP-000.C | Total wood fibre sourced | Quantitative | 6.8 million m ³ (6.3). It is the company's established custom to indicate volume as cubic metres rather than as tonnes. |