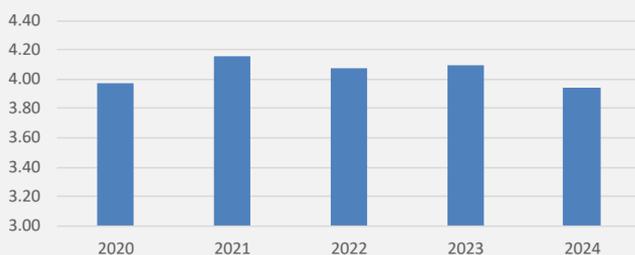


Smart Packaging Solutions – Loenen (NL)

The Loenen site is one of three solid board companies within Smart Packaging Solutions. Last year, a great deal of effort was put into further reducing the environmental impact of production. We are happy to share the results of these endeavours with our stakeholders.

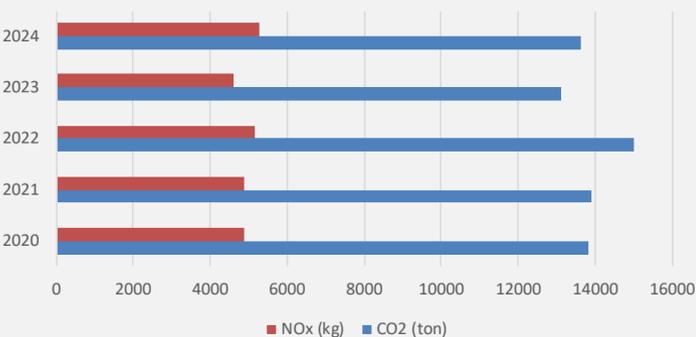
The production of solid board is an **energy-intensive** process. It is our responsibility to reduce emissions by **limiting** energy consumption.

Energy consumption (GJ) per tonne of product

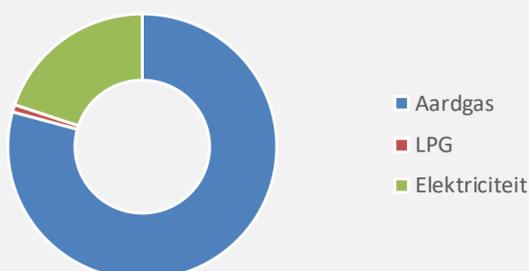


In 2024, we produced more than in 2023, and we also produced more efficiently, consuming less energy per tonne of product.

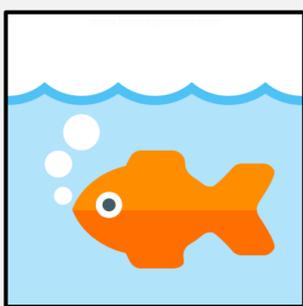
Emissions



Energy sources (in GJ)

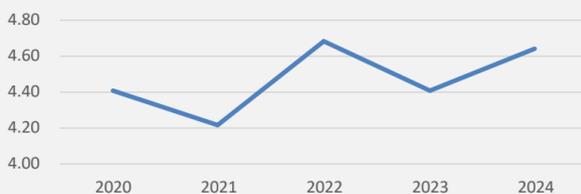


Natural gas is used for **heat generation** and space heating, LPG for internal transport. External transport has been outsourced to third parties.

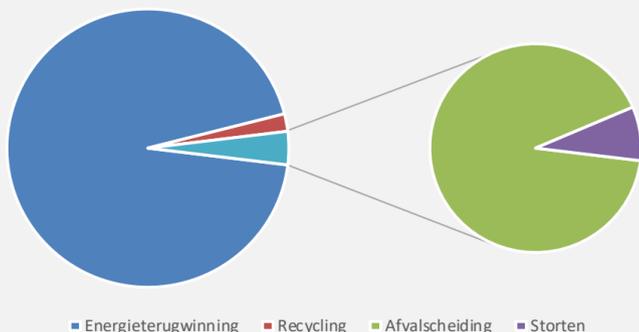


For cardboard production, **untreated water** is used from the Apeldoorn canal. In 2023, we had to use **groundwater** due to drought; in 2024, only canal water was used.

Specific water consumption (M3/t)

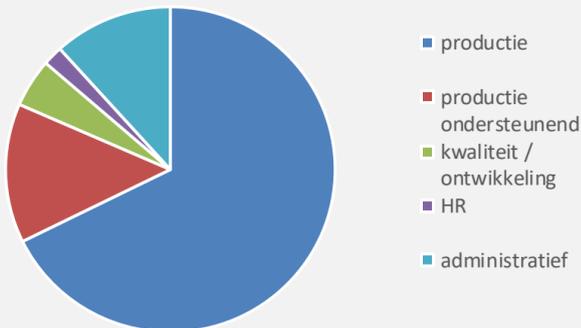


Waste 2024



The bulk of industrial waste consists of rejects from the waste paper that find a **useful application** in energy generation and reuse elsewhere.

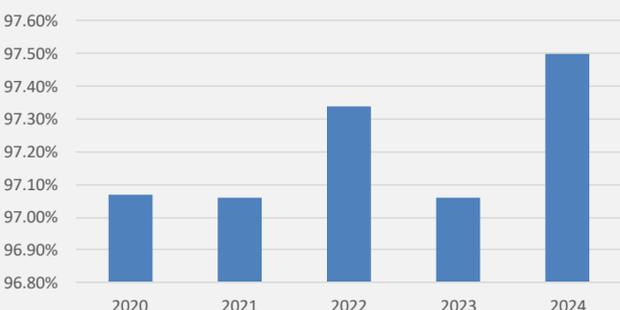
Staff - 193 FTE



With approx. **200 colleagues**, approx. 72,000t cardboard was produced in 2024. Cardboard finds its way around the world, with the main market being frozen and chilled foods.

We have an **FSC certificate**. To produce cardboard, we use waste paper and FSC-certified liners.

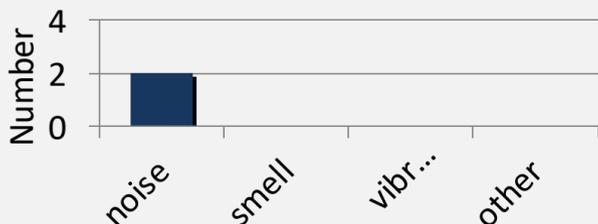
COD removal efficiency



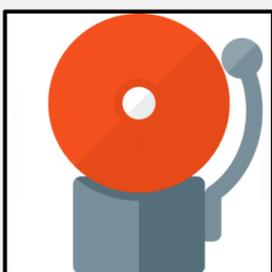
Water is treated in our **own wastewater treatment plant** so that it can meet the requirements of the **surface water**. Due to increase in the dirt load coming in with the waste paper, the load on water treatment has increased. An important parameter for the operation of the treatment plant is the **COD** removal efficiency.

Environmental care is one of the pillars from which we derive our licence to operate as a company. We are looking at all kinds of opportunities that we can incorporate into our operations to reduce environmental impact. Examples include sourcing paper from the region, collaborating with other companies to exchange raw materials, participating in consultations with municipalities, the province and fellow companies on the energy file, environmental certification through ISO 14001 and FSC certification. But also by participating in environmental, occupational health & safety and energy consultations organised by the industry association, through which we share our knowledge and experiences for the benefit of all involved.

External complaints - 2024



Two external complaints were registered in 2024. These were made on the same day and were both about noise at the water treatment plant due to a broken aerator. In 2023, **three external complaints** were registered.



In 2024, **5 lost-time injuries** were recorded with own staff, and 1 with third-party staff. There were a total of 26 days of sickness absence.

There were **two small fires**, which were extinguished without damage. There were **no environmental incidents** affecting air, soil or water.