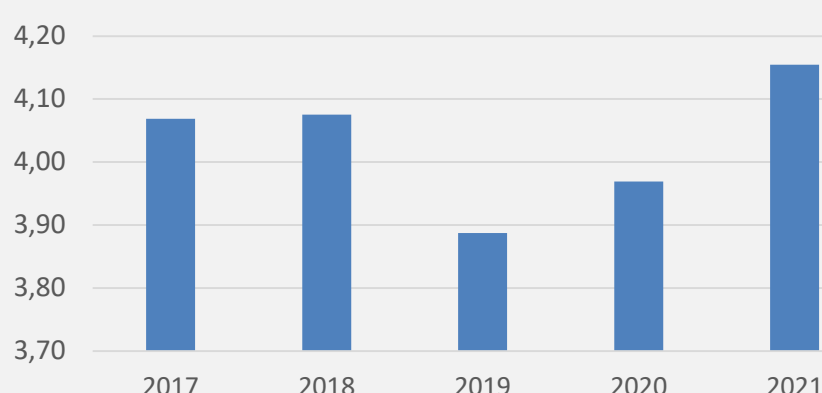


Smart Packaging Solutions – Loenen (NL)

The branch in Loenen is one of three solid cardboard companies belonging to Smart Packaging Solutions. Last year a great deal of effort was made to further reduce the impact of production on the environment. We would like to share the results of these efforts with our stakeholders.

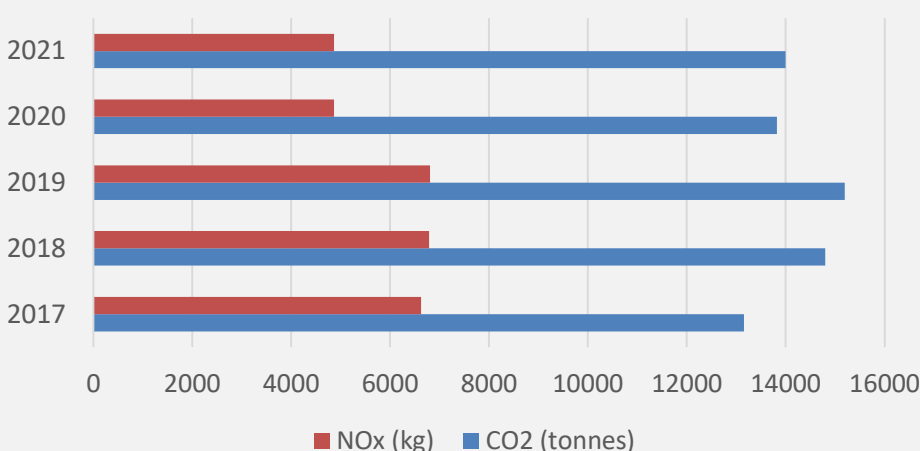
The production of solid cardboard is an **energy-intensive** process. It is our responsibility to reduce emissions by **reducing energy consumption**.

Energy consumption (GJ) per tonne of product

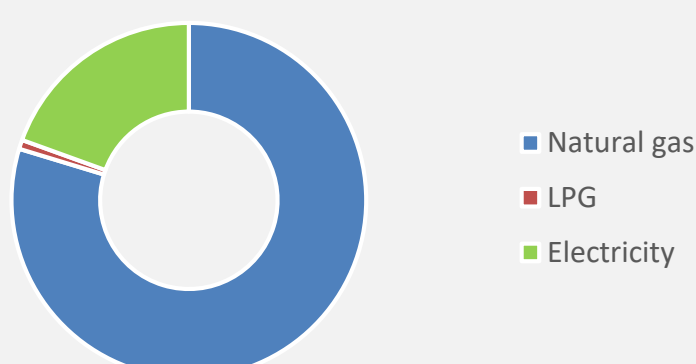


Due to inefficiency, the start-up of a new part of the machine resulted in the energy consumption per tonne product increasing last year.

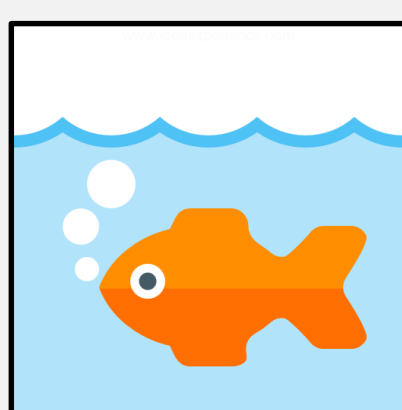
Emissions



Energy sources (in GJ)

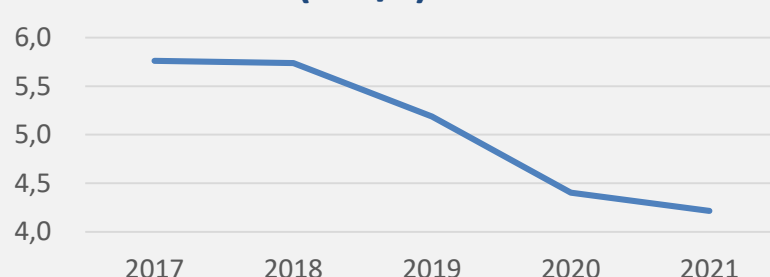


Natural gas is used for **generating heat** and space heating, and LPG for internal transport. External transport has been outsourced to third parties.

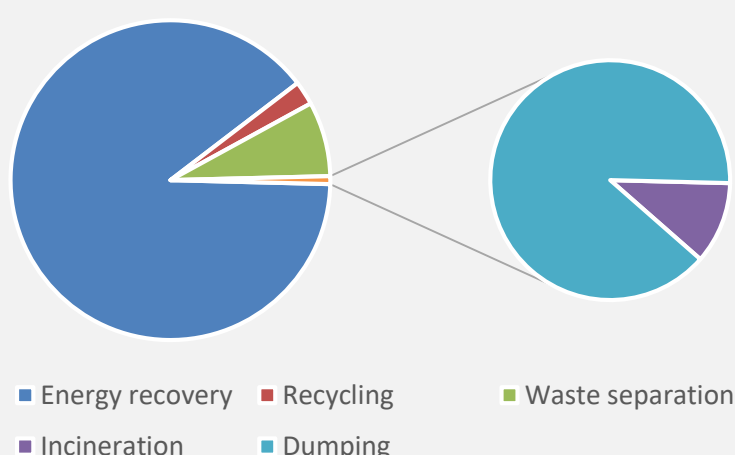


Untreated water from the Apeldoorn canal is used for the production of cardboard. We also had to use **groundwater** in early 2021, due to drought. Adjustments to the water cycle have enabled us to further reduce specific water consumption.

Specific water consumption (M3/t)



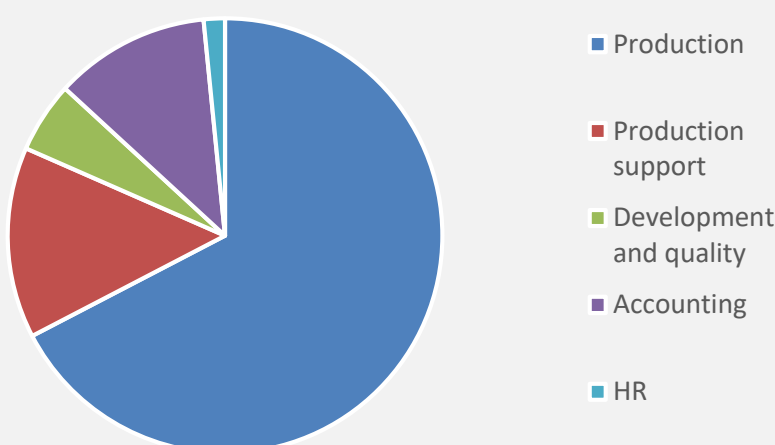
Waste



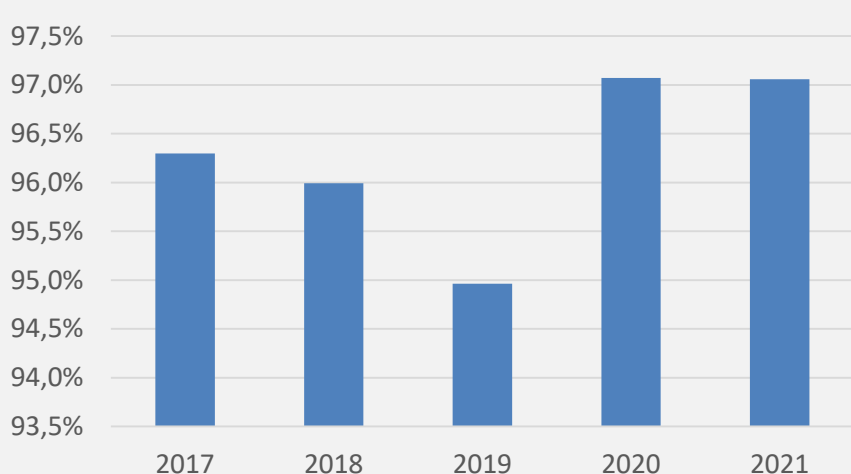
The largest portion of industrial waste consists of rejects from old paper, which are put to **good use** in generating energy and reuse elsewhere.

In 2021, around **200 employees** produced approximately 70,000 tonnes of cardboard. This cardboard is used all over the world, with frozen and chilled foodstuffs being the largest market. Old paper and FSC-certified liners are used for the production of cardboard. As a result, the end product is also **FSC certified**.

Personnel 190 FTEs



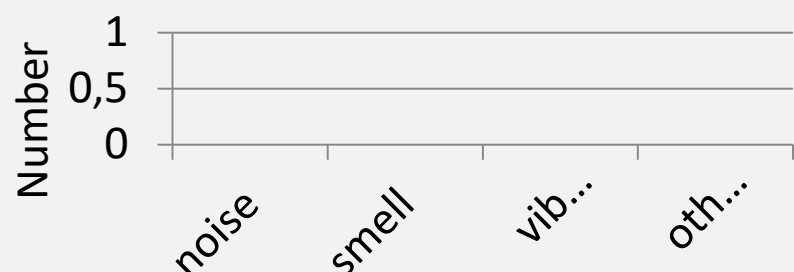
COD removal yield



Having our **own wastewater treatment system** ensures that we can purify the water so that it meets **surface water** quality standards. The increase in waste volume brought in with the old paper has increased the load on water treatment. An important parameter for the purification operation is the **COD** removal efficiency.

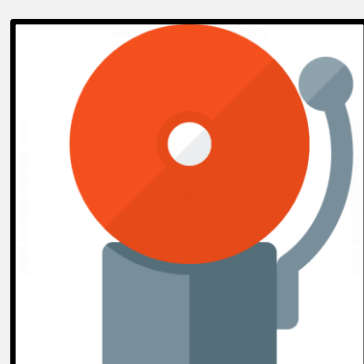
Environmental care is one of the pillars from which we derive our right to exist as a company. We look at all kinds of ways to reduce the environmental impact within our business operations. Examples include using paper from the region, seeking collaborations with other companies for exchanging raw materials, participating in meetings with municipal authorities, the provincial authority and counterpart organisations about the energy file, environmental certification through ISO 14001 and FSC certification. But also through participating in environmental, health & safety and energy meetings organised by the trade association in which we share our knowledge and experiences so that we can improve together.

Complaints - 2021



No external complaints were registered in 2021.

One external complaint was registered in 2020. This related to a beeping noise.



In 2021, **5 accidents** were registered involving our own people and none involving third-party personnel. Absenteeism totalled 19 days.

There was **one small fire** that was extinguished without damage. There were **no environmental incidents** involving leakages into the atmosphere, soil or water.