



SUSTAINABLE PRINTING

The company **Papir Print doo** was founded in 1992 and developed from providing quite simple printing services into a company offering all types of services relating to the production of printed products ranging from labels and packaging to high quality brochures and publications. The initial production was based on two-colour printing machines. By today, the production processes include paper-laminating and 6-colour printing machines, as well as various cutting machines.

The main printed and packaging products produced today include: materials for

- Branded wrapping for biscuits and cookies, coffee and hot drinks, confectionery, ice creams and frozen products, snacks, soups, spices, etc.
- Stand-up pouches and wrap labels for the beverage industry
- three-layer or four-layer barrier materials, impermeable to air for cosmetics and personal hygienic products
- branded packaging for supplements, pharmaceutical tablets, capsules or lozenges
- production of polyethylene film.

The company invested in a new post-combustion thermal oxidation plant (RTO) with optional regenerative heat recovery. The new system ensures compliance with current and expected future air emission regulations in terms of VOC emissions. Ultimately this makes the company more competitive in the region as well as for the expansion of export activities. An additional benefit of the new RTO unit is the optional heat recovery, enabled through an air-water heat exchanger leading to significant energy savings and CO2 emission reductions.

After the successful project verification, the company received a 15% grant cash-back, funded by the European Union. With the investment, the company now meets a wide variety of standards, including:

- Directive 2010/75/EU on Industrial Emissions (integrated pollution prevention and control), recast, Text with EEA relevance
- Directive 2014/35/EU on the Harmonization of the Laws of Member States relating to Electrical Equipment Designed for Use within Certain Voltage Limits
- Directive 2006/42/EC on machinery, and amending Directive 95/16/EC (recast)

Loan Amount	€ 491,200
Grant amount	€ 73,680
EU Directives met	EU Directives on industrial emissions, electrical equipment and machinery
Invested in	Post-combustion thermal oxidation plant (RTO)
Energy Savings and GHG reduction	1,507.8 MWh/year 475.8 t CO ₂ /year

Implementation Consultants

