

ENVIRONMENTAL STATEMENT

The environmental statement of the **EVERSFRANK GROUP**.

2020



EVERSFRANK GROUP
PRINT. MEDIA. ENVIRONMENT.



Dear reader,

the current and past events of this year have forced us all to adapt our everyday lives and accept a new reality. Even though you may think that this short-term standstill would have been beneficial to the environment, the German Federal Environment Agency has made it clear that the effects of the coronavirus pandemic will not last long. Long-term, targeted measures are still needed to achieve a lasting effect as even in uncertain times like this, the urgency and necessity of tackling climate change should not be forgotten or left to fade into the background.

Our efforts concerning the environment and sustainability are still ongoing. In addition to our paper certifications from Blue Angel, EU Ecolabel and Nordic Swan, and the fact that we have FSC and PEFC labels for sustainable forestry, our efforts also include our essential EMAS environmental management system, which you are holding in your hands right now. Likewise, we are still a member of 'Klimaschutz-Unternehmen e.V.' and we continue to participate in the Healthy Printing Initiative. We are also working towards avoiding, reducing and compensating for our CO₂ emissions. Climate-neutral printing through our reforestation company, Evers ReForest, is also an integral part of the services that we offer.

Through our willingness to continuously develop ourselves further and to learn from all changes and events, we strive to constantly improve our performance

in the areas of environmental protection and safety. This is, and will remain, an important factor on the path to a better environment.

Due to our corporate restructuring, our sites in Berlin and Neumünster are no longer included. In addition to the previously planned consolidation, the coronavirus crisis has also led to a decline in orders at our Meldorf and Preetz sites.

With this in mind, we are thrilled that you are interested in sustainability within the Eversfrank Group and we hope that you enjoy reading our 2020 environmental statement.

Thanks

Frank Kohrs

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PRINT PIONEERS SINCE 1911.

We have developed from a small family-run business into an international pioneer in the field of print over more than 100 years. Today, we operate at several sites and provide modern and effective printed products – from catalogues and magazines, through to phone books, leaflets and mail-outs. As a result, sustainability has become a particular focus for our work so that we can keep doing what we love in the future: Inspiring people with printed products.

Prepress / printing plate preparation

The offset printing plates will be automatically produced on various printing plate exposure lines using the supplied printing data. This division also supplies cutting dies, grooving tools, perforation tools and coating tools.



Digital printing

Toner-based and inkjet web-fed printing systems that produce high-quality images. This printing process means we can have one-to-one marketing for industrial print runs. This means our customers can use customised contents to significantly increase the response rate to their mailings or catalogues.



Sheet-fed offset

In sheet-fed offset printing, the paper is processed in sheets, i.e. not as a roll. This printing process is particularly useful for small and medium-sized print runs. The ink is dried through exposure to oxygen, i.e. by evaporating the solvent in the ink. The printed products can be processed further through coating, protective varnishing, die cutting and perforation.



Web offset (heatset)

The paper webs running from the rolls are printed on both sides, dried with hot air and finished or folded into (partially) ready-made products. Our various production lines offer ideal conditions for optimal utilisation of the surface of the paper and an accordingly economical production.



Processing

These production steps are taken in processing after printing: cutting, folding, stitching, binding and applying gimmicks. After that comes packaging into boxes, foil packages or stacking.



Lettershop

Addressing and printing postal logistics codes using digital printing, inkjet, laser or Cheshire labelling are done in the lettershop. We provide delivery to the distribution service at the lowest available postage rates, international individual shipping and postage optimisation for the target region, sealing and single packaging in foil, envelopes or wallets.



Logistics / shipping

All the materials movements and the packaging of the supplied products is coordinated and supervised in the logistics department. Internal logistics with decentralised buffer zones for input and output prevents unnecessary transport routes.

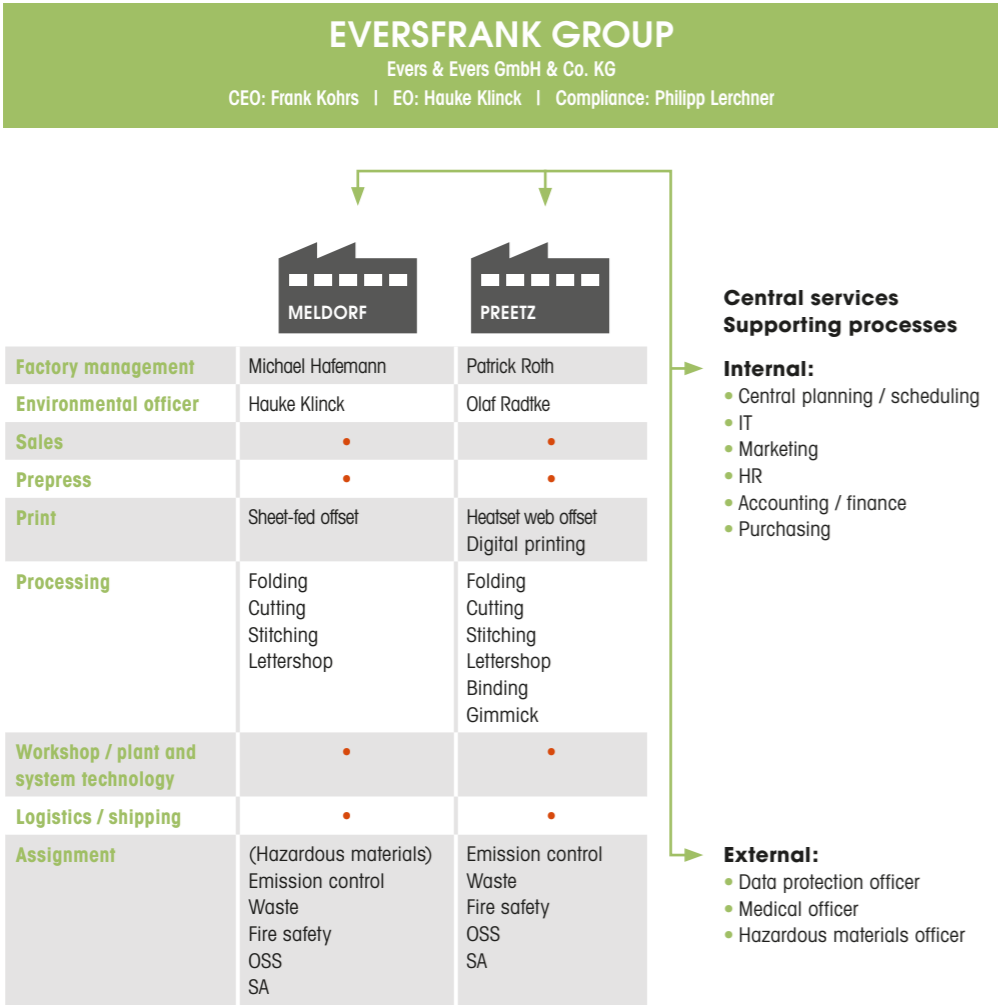


Workshop, plant and system technology

This is our internal service area for the maintenance and repair of electronics and mechanical systems. It is also responsible for building services.

EMAS- ORGANISATIONAL DIAGRAM.

The administrative structure that supports environmental management.



CHANGES TO THE FACILITIES.

Every change is a chance.



At our Meldorf site, the 19/20 business year ended with 65,100 tons in web printing, a production volume reduction of 12.7% compared to the previous year. As such, in terms of the volume of paper used, levels are equivalent to those from the 2005/2006 business year.

Due to the planned shut-down of Lithoman A in February 2020, a lower production volume was planned. However, from the middle of March until the end of June this year, the coronavirus pandemic has led to a wave of cancellations from customers which has had a significant impact on our revenue.

There was over 20% less stitching work carried out in production than in the previous year. You can gather more information about this from the input/output statement.



As described last year, the IPA-free printing at the end of the 18/19 business year could now be done as web printing. Our use of isopropyl reduced to < 10 tons in comparison to >100 tons 10 years ago. With the subsequent shut-down of the 32-page print machine in February 2020, the use of IPA will decrease even further. A very small amount was used for sheet-fed printing and isopropyl was used for completely different purposes. It was used to produce disinfectant for the site and for external use.

The goal of using around 3000 MWh of waste heat through a seasonal storage system, and therefore saving 800 tons of CO₂, was slowed down by the coronavirus pandemic, but the land-use planning and the public display of the land use plan were completed.

After the successful conversion of the power supply with pooling in the previous business year, the disused 32-page rotary printing press was put back into operation in late summer 2019.

A big point of change at the Preetz site in the 2019/2020 business year was the replacement of the ageing heating system. The old gas heating was replaced by two modern gas condensing boilers. Initial evaluations have shown that our natural gas consumption has decreased by more than 30%.

We were able to take a good step forwards with our project and a step towards achieving our goal of silicone optimisation. With an absolute saving of 45 tons, we were able to reduce silicone consumption by 55% compared to the previous business year.



CONTINUOUS IMPROVEMENT OF ENVIRONMENTAL PERFORMANCE.

1. Promoting environmental awareness among all employees.

We regularly conduct courses and comprehensive training. Appropriate environmental and occupational safety groups were established, and the implementation of concrete results was ordered.

2. Integrating the employees into environmental management.

For one thing, this affects the information of every colleague on every hierarchical level at the Eversfrank Group. For another, they are actively involved in the continuous improvement of the way we act. We motivate them to identify weak points in our processes and to come up with a solution together with the person responsible.

3. Exchanging ideas and setting benchmarks across facilities.

The individual Eversfrank Group facilities agree on environmental performances, indicators and programmes, and they compare and reconcile them. Wherever possible, we set indicator benchmarks with other competitors.

4. Dealing with resources responsibly.

All our employees are obliged to deal with our resources and materials consciously and sparingly. We specifically select products with regard to material and energy efficiency. They protect both our colleagues and the environment from possible pollutants so that emissions are either avoided or reduced.

5. Assessing the environmental compatibility of new systems, products and processes.

Before their introduction, all environmentally relevant issues are analysed and evaluated. This applies for resource efficiency and environmental and climate protection in particular. The focus is also on these criteria in the procurement process: suppliers are then assessed, and appropriately weighted performance profiles are generated for them. So, we only provide our customers with products and services whose environmental impact and compatibility have been assessed.

6. Continuously monitoring environmental performances.

To guarantee adherence to this environmental policy, the management board has set up tests together with the employees. This practice-oriented review of our measures and their results form the basis of our continuous optimisation of our environmental performances.

7. Comprehensively communicating the environmental performances.

We disclose every issue within our environmental management in our environmental statement. We make our customers and suppliers aware of ecologically relevant topics, from the raw materials through to the finished product. We are in open dialogue with other interest groups, e.g. the authorities, the public, etc.

8. Complying with all principles and applicable laws.

Compliance with established legal provisions, regulations and obligations is a matter of course for everyone in the Eversfrank Group. It is our stated aim to avoid negative environmental impacts and pollution through our actions. This applies for every employee and representative. This environmental policy is an integral part of the company's strategy and is continuously reviewed and, if necessary, updated.

Avoiding pollution or keeping it as low as possible – that is the aim of our environmental policy. We're consistently working on the improvement of our environmental performances. The issue of sustainability has been part of our mission statement for decades and has been firmly anchored into our day-to-day work at Eversfrank Group. To achieve this, we've committed to the following points.

* The original German exclusively uses a generic masculine noun to refer to employees of every gender in order to make the text easier to read. Thank you for your understanding.

EMAS LIFE CYCLE ASSESSMENT WITH SCOPE 1-3 (GHG).

When you look at the EMAS life cycle, you cannot ignore the terms Scope 1-3. But what exactly does Scope 1, Scope 2 and Scope 3 mean?

Before we explain what these terms mean, we need to make a quick digression: In 2015, an agreement was adopted at the UN Climate Change Conference in Paris by all UNFCCC contracting parties, 196 states and the European Union. The aim of this agree-

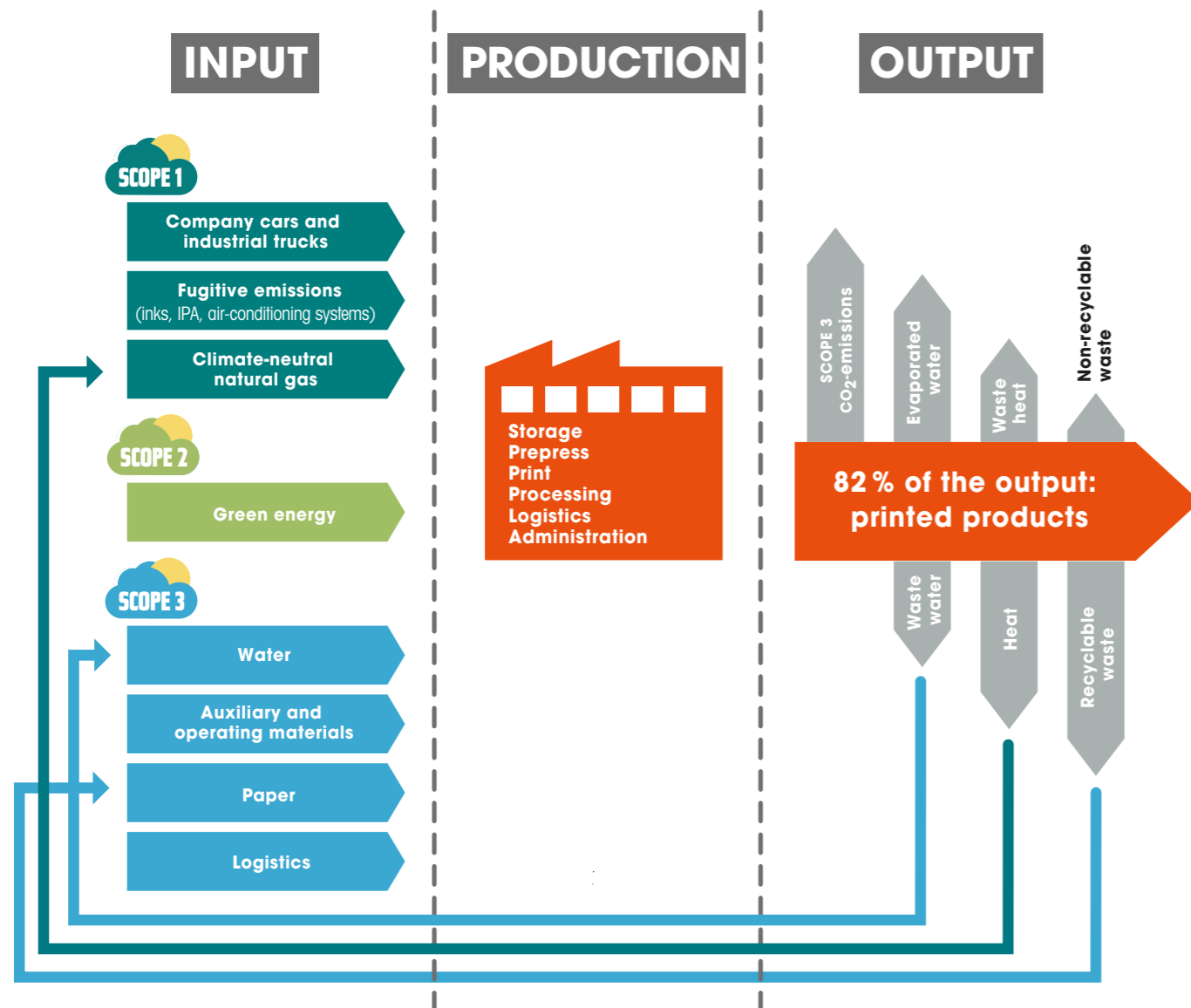
ment is to reduce global warming caused by humans and to limit a rise in temperature to two degrees compared to pre-industrialisation levels.

The reduction of CO₂ emissions is also the goal of the Paris Agreement. In order to meet this goal, consumers and companies must make an important contribution. According to RE100 (one of the best-known business initiatives committed to combating climate change) if just the private sector switched to 100% renewable

energies, this would reduce global CO₂ emissions by up to 15%.

For environmentally and climate-conscious companies, there are precisely defined processes that pave the way to climate neutrality:

- Calculation of Scope 1, 2 and 3 emissions
- Reduction of Scope 1, 2 and 3 emissions



But what exactly are these Scope 1, Scope 2 and Scope 3 emissions?

The GHG protocol (Greenhouse Gas Protocol) defines the balancing of greenhouse gases by companies. So that the individual emissions can be better calculated and prevented, they are divided into so-called scopes.

SCOPE 1 Direct emissions from the burning of fossil fuels, which includes direct emissions generated by business activities, e.g. from company cars and industrial trucks, fugitive emissions (inks, IPA, air-conditioning systems) or natural gas.

SCOPE 2 Emissions related to purchased energy, such as electricity.

SCOPE 3 Indirect emissions caused by the consumption of raw materials, such as water, auxiliary and operating materials, paper and logistics, during upstream and downstream processes.

How is Eversfrank Group reducing their scope emissions?

The Eversfrank Group's scope emissions are almost exclusively CO₂. The other greenhouse gases are listed on pages 44 and 46 along with the core indicators.

The Eversfrank Group's life cycle assessment is shown in the diagram. The input is on the left-hand side, the production is in the centre and the output is on the left-hand side.

Input:

The input represents the procurement of the raw materials required for production. This is split into three scopes.

Scope 1 emissions: Our CO₂ emissions mainly come from the natural gases that we require for drying during the printing process, as well as from solvents, printing inks and our company cars and forklifts which have petrol engines. This is why since July 2017, we have only been using climate-neutralised natural gases, which has helped us to reduce a large part of our emissions. We compensate for the few remaining emissions from company cars and forklifts through our reforestation project, Evers ReForest.

Scope 2 emissions: Since July 2013, we have only used 100% green energy from Scandinavian hydropower, reducing our CO₂ emissions in this area by around 95%. We also use our Evers ReForest programme to offset the remaining 5% of the upstream energy supply chain.

Scope 3 emissions: More than 70% of the emissions in this area are dependent on the print papers used in the upstream processes. LWC or recycled paper has a significantly different 'Paper profile'. For this reason, it is important to us to provide detailed advice to encourage our customers to use environmentally friendly paper. With our reforestation company, Evers ReForest, as well as with two climate-neutral providers, we can offer our customers a huge variety of options when it comes to climate-neutralised production and printing.

Produktion:

The production refers to the standard printing processes in a printing company and will not be described further in this text.

Output:

CO₂-Emissions: All print machines listed in accordance with the German Federal Immission Control Act are regularly tested by external specialist audit companies and checked for their environmental compatibility. This way, we can ensure that the Eversfrank Group adheres to all applicable laws and regulations and that the emissions generated during production have as little an impact on the environment as possible.

Water: Over a third of our waste water is returned to the water cycle through the sewer system. The remaining water evaporates through our cooling towers.

Thermal energy: Up to 75% of the thermal energy that we produce is fed back into production and is used to supply the heating system. The remaining 25% leaves our production sites into the surrounding nature as waste heat together with the CO₂ emissions and the evaporated water.

Waste: 99% of our waste is recyclable. Paper and cardboard waste makes up almost 97% of the waste that we produce. This waste can then be fed back into our cycle as an input via paper mills. Around 2% of our waste consists of other usable raw materials that can be recycled. Only 1% of our waste cannot be recycled and is disposed of in accordance with the applicable laws and regulations.

Printed products: Our output consists of the printed products and waste listed on pages 45 and 47. Around 82% of our output leaves our factories and heads to our customers in the form of printed products for their intended use. With the measures that have already been implemented to compensate Scope 1 and 2 emissions, as well as with the upstream and downstream processes that are covered by Scope 3 emissions, we are well on our way to becoming a climate-neutral company.

CLIMATE

PROTECTION LAW APPLIES.

The German government will introduce CO₂ pricing for the heating and transport sectors from 2021. A national CO₂ emissions trading scheme will put a price on greenhouse gas emissions from heating and driving.

In the Mediation Committee, the German federal and state governments agreed to initially set the price for CO₂ at € 25 per ton from January 2021. Afterwards, the price will gradually increase until it reaches € 55 in 2025. For the year 2026, a price range between € 55 minimum and € 65 maximum should apply. On the 20th of May 2020, the German Federal Government passed the corresponding amendment to the German Fuel Emissions Trading Act.

The new German Climate Protection Law plans to gradually reduce greenhouse gas emissions by at least 55% compared to the year 1999 by 2030. In the long term, the German Federal Government is aiming to achieve greenhouse gas neutrality by 2050. This objective is also clearly stated in the law.

What does the German Climate Protection Law mean for companies and their climate neutrality?

There is one important aspect that must not be confused: The national emissions trading scheme does not compensate for emissions, nor does it make products

or services climate-neutral. Emissions trading certificates should also not be compared with certificates used for achieving climate neutrality. The system only serves as a price mechanism to make alternative sources of energy more attractive. What this means for companies is that the price of petrol, diesel, heating oil, liquid gas, coal and natural gas will increase in the future. In the best case scenario, CO₂ emissions will decrease more quickly as a consequence of this pricing. However, other routes still need to be taken to actually limit global warming to under 2° C. Voluntarily supporting certified environmental protection projects to compensate for CO₂ emissions is and will, for the time being, continue to be the only realistic possibility for being climate-neutral.

Impact on the Eversfrank Group

All companies produce CO₂ emissions, regardless of how sustainable and economical they are. Climate protection means recording all emissions in order to continuously reduce and prevent them. And all unavoidable emissions can be offset through a climate protection project. This helps to make the company climate neutral.

For many Germans, when it comes to choosing a company, the environmentally-friendly behaviour of the company is an important criterion. People's awareness of climate protection is increasing and many see companies as being responsible.

In the past, the Eversfrank Group has campaigned for environmental protection with numerous projects and has acquired several environmental seals long before environmental awareness was widely discussed in the media and in politics. We wanted to make environmentally-friendly printing a given.

For this reason, we offer an ecological standard that goes far beyond normal standards. We solely use green electricity generated through hydropower and completely climate-neutral natural gas at all our production sites.

Our processes also meet the highest ecological requirements of the Blue Angel, Nordic Swan and EU-Ecolabel. This means that even if you don't want your product to be certified, our production will give you all the advantages that the eco-labels offer. Each site has its own carbon footprint. Scopes 1 and 2 of the Greenhouse Gas Protocol are climate-neutral at our sites.

In summary, the new German Climate Protection Law will not lead to any major changes being made to the Eversfrank Group's production process. However, the introduction of CO₂ pricing has made the web offset and internal transport in the printing process more expensive as natural gas is currently used as the energy supplier.

The following have been made binding for the first time:

- ✓ National and European climate objectives
- ✓ CO₂ savings targets for all sectors, e.g. transport, building, agriculture
- ✓ Success monitoring and an annual obligation to readjust
- ✓ By 2030: Climate-neutral federal administration

A GLANCE AT OUR ENVIRONMENTAL ASPECTS.

Before management specified our primary goals in their environmental policy, we first had to identify and assess every environmentally relevant issue which is of importance for our facilities. There are “direct” environmental issues, which we can control ourselves, and “indirect” ones which are the result of our work with third parties (providers, suppliers, etc.). That means both external sources of information and internal knowledge influenced the assessment. The result can be represented in the following evaluation matrix.

Key area	Environmental issue Area	Effect	MELDORF	PREETZ	Environmental issues
Energies	Electricity	indirect			• Use of energy
	Gas	direct			
Material	Raw, auxiliary and operating materials	direct			• Use of raw materials
	Environmental system supplier	indirect			• Services
	Transport	indirect			• Supply chain
	Hazardous material	direct			• Dealing with hazardous substances
Water	Water pollution control	direct			• Water pollution control • Water consumption • Amount of waste water
Waste	Paper waste	direct			• Amount of waste
	Waste for disposal	direct			
Biological diversity	Land use	direct			• Impact on the ecosystem
	Biodiversity	direct			• Habitat reduction
Emissions	Noise	direct			• Operation of plants requiring a permit according to the Federal Immission Control Act (Bundesimmissionsschutzgesetz)
	Greenhouse gases	direct			
	Emissions	direct			
	Customer paper selection	indirect			



CHANCE	RISK
<ul style="list-style-type: none">• Use of waste heat from production since 1996• Development of heat management systems• Development of district heating and own power generation (biogas district heating power stations, Meldorf swimming pool)	<ul style="list-style-type: none">• Rising costs• Supply security• Renewable energy quota requirements• Requirements through certifications• Emissions• German Climate Protection Law
<ul style="list-style-type: none">• Use of waste heat from production since 1996• Development of heat management systems• Development of district heating and own power generation (biogas district heating power stations, Meldorf swimming pool)	<ul style="list-style-type: none">• Shortage of natural resources• Emission of greenhouse gases• Disturbance of the surrounding neighbourhood and habitats• Pollution of soil and ground water• Air pollution• Consumption of resources• Certification requirements• Limitations in the supply chain
<ul style="list-style-type: none">• No use of wells (groundwater)	<ul style="list-style-type: none">• Shortage of natural resources• Water pollution• Disruption to the ecosystem• Reduction of animal and plant habitats• Rising costs for provision and preparation
<ul style="list-style-type: none">• Development and use of regional closed-loop economies• Use of economical, highly-recyclable materials• Best possible waste separation and prevention• Support of new recycling technologies	<ul style="list-style-type: none">• Increasing requirements for handing commercial waste• Quantity restrictions through certifications• Shortage of natural resources• Pollution of soil and ground water• Use of land• Air pollution• Consumption of resources
<ul style="list-style-type: none">• Initial reforestation of mixed deciduous forests in Schleswig-Holstein	<ul style="list-style-type: none">• Climate change (heavy rainfall, sea levels)• Land sealing• Threat to biodiversity
<ul style="list-style-type: none">• Active climate management• Green energy in use since 2016 and climate-neutral gas in use since 2017 at every printing site• Evers ReForest: Reforestation/CO₂ compensation• Regular investments in the latest technology• Consistent searching/testing of alternative machines/technologies (e.g. refrigeration systems, waste air purification)	<ul style="list-style-type: none">• Generation of air pollution, noise, tremors, odour• Use of land• Disturbance of people and the surrounding environment• Emission of hazardous substances (greenhouse gases)• Climate change• Stricter requirements through certificates or similar• Stricter requirements for CO₂, NOX, dust, etc., through voluntary certifications• Shrinking investment budgets due to declining market

Evaluation matrix

High

Medium

Low

High

Medium

Low

Environmental impacts and relevance

Influence on action and control potential

No to low recycling opportunity

Average to good recycling opportunity

Very good recycling opportunity

If an environmental issue has not been integrated into the current aims because it has already been optimised or because the machine is state of the art, we will nevertheless endeavour to keep any impacts on the environment as low as possible, or to prevent them altogether.

ENVIRONMENTAL STATEMENT 2020

... AND THERE ARE EVEN MORE ENVIRONMENTAL ASPECTS.

In addition to the six core indicators in the printing industry from energy to emissions, there is a whole range of materials, processes and procedures which can have an effect on the environment and ecosystem. We want to keep these as low as possible.



1. Emergency and fire protection management

The primary aim of our environmental management is to avert and prevent any danger caused by emergency situations and incidents with possible impacts on the environment. We ensure this through the reliable maintenance of our technical equipment and plants on the one hand, and through the continuous training and education of all our employees on the other. However, should an incident occur that may endanger people and the environment, the existing emergency and rescue plans facilitate the quickest possible action to completely prevent or minimise damage. The aim is to be prepared by planning measures to prevent or reduce negative effects on the environment in emergency situations. This is why the production halls and

their construction and fire compartments in our facilities are fitted with fire detectors and sprinkler systems, as far as possible and depending on requirements in that area. The warning systems are connected to the fire brigade control room. Other technical equipment, such as wall hydrants, smoke and heat extraction systems, hand-held fire extinguishers, etc., is regularly maintained and tested by specialist companies. Employees working on the sites also undergo appropriate practical training, such as fire extinguisher training and evacuation exercises.

2. Noise protection and noise emissions

The primary sources of noise at our sites are the sheet-fed printing machines and rotary printing machines. Our rotary printing machines are fully insulated and enclosed with corresponding

sound insulation. We work closely with noise experts when it comes to noise emissions, both within and outside of production – particularly in the early phases when planning modifications to or expansions of our sites. This also ensures that requirements are met and evidence is provided through noise prognoses and then noise registers in accordance with Sections 15 and 16 of the German Federal Immissions Control Act. The appropriate personal protective equipment (PPE) is made available for all our employees, both to protect them against noise (there are various models, including custom-made hearing protection), and to protect them when it comes to other areas of occupational safety.



3. Hazardous substances

Our main aim and priority is to avoid the use of hazardous substances. If using such materials is necessary and it is not possible to avoid using them or to use less dangerous alternatives, adherence to legal regulations is the minimum standard that must be followed. The relevant heads of department, in collaboration with technical experts, are responsible for the proper handling and storage of hazardous substances and for the provision of safety data sheets and user guides compliant with Section 14 of the German Ordinance on Hazardous Substances, as well as for the instruction and training of employees in this area. Before new materials are used, we determine potential hazards and establish appropriate protective measures. Hazardous substances are always placed in secure

containers and packaging. This applies to both internal transport and to the emptying and unpacking into smaller containers. Factory-owned containers have the corresponding hazardous substances labels. They are only stored in defined locations and spaces, and in suitable container systems, containers and, when necessary, in the required collecting systems. Only the quantities required for the day are stored in the work, production and machine areas. Occupational safety, fire safety and environmental protection are all taken into consideration. There is a copy of the current hazardous substances register created in accordance with the Globally Harmonized System for the Classification and Labelling of chemicals (GHS) available at each of our sites. The UN's Globally Harmonized System of Classification and Labelling of

Chemicals (GHS) is a unified global system for the classification of chemicals and for labelling them on packaging and in safety data sheets. A global classification method with uniform hazard pictograms and labels has been designed to minimise the danger to human health and to the environment from the production, transportation and use of chemicals or hazardous substances across the world. The type of danger is reflected by the class of hazard. Dangers within a hazard class are graded by being subdivided into hazard categories. So, for example, flammable liquids are subdivided into three hazard categories depending on their flash point. A material is assigned one or more hazard warnings (Hazard Statement) for each hazard class and category that applies to it. This warning includes a hazard pictogram and a



signal word – either Danger or Warning – as well as a range of safety measures (Precautionary Statements).

4. Procurement process

Ecological issues and standards that are relevant to us are enshrined in our purchasing and procurement guidelines. This means we can ensure that ecological and environmental issues are taken into consideration when purchasing machines, equipment, raw materials and services. We actively inform our suppliers about our purchasing and procurement guidelines. Our aim is to work with environmentally friendly suppliers and services while taking economic efficiency into account. We request information from our suppliers concerning the management systems, particularly the environmental management systems (DIN EN ISO 14001, EMAS, etc.),

they have in place for any materials we use. Further sustainability reports, the Code of Conduct, the use of green energy, carbon footprint and climate neutrality and efficiency projects and recycling processes are all recorded for supplier information and assessments and influence our decision. The suppliers must provide REACH declarations (EU Chemicals Ordinance). That means that we, as a so-called filled-up user, comply with the legal provisions in accordance with Article 33 of the REACH ordinance. From what we know today, and based on the written information from our suppliers, it is not expected that our products will contain SVHC materials ('Substances of Very High Concern') at a mass concentration of more than 0.1%.

5. Paper management

Printing paper is the most important raw material by some distance and is by far the largest input product used in the printing process in terms of quantity. As such, printing paper is of great importance when it comes to environmental issues, the ecosystem and ecological assessments. Up to 1,000 tons of a wide variety of types of paper ranging from 39 GSM to 300 GSM in weight is delivered, printed on and processed every day at our sites in Preetz and Meldorf. The respective amounts vary according to different customer requirements and the orders in the factories. The type of paper used depends on the material selected by the customer and the design of the product. We primarily work with SC paper, LWC paper, MWC paper, WFC paper, etc... As the most important

ecological factor when it comes to production and utilisation, the careful and sustainable use of wood as a resource plays a major role for paper as a printing material. This starts from the silviculture and harvesting of the wood, all the way through to processing it into pulp, converting it into paper in a sawmill and putting it on a roll. As such, the fibre life cycle – the reuse of paper through effective recycling – is of great importance. In addition to sustainability in silviculture and the conservation of resources, the use of energy, water, materials and chemicals all along the supply chain has a big impact on the sustainability of the finished paper product. This and other issues – such as transport distances, where applicable – result in the sustainability criteria for printing paper. We provide detailed advice on the different papers and we precisely explain the possible labelling of the printed products. All of our sites have been certified by the FSC® (Forest Stewardship Council®) and the PEFC™ (Programme for the Endorsement of Forest Certification Schemes™) for over 10 years. This confirms the fact that our corporate processes have been designed in such a way that we can prove we have used paper from sustainable forests all the way from production to the end product. In addition, the Chain of Custody (COC) – the instrument for certifying the product chain – must be checked externally each year to confirm that the internal procedures guarantee the identifiability of certifiable materials at all times. Furthermore, all our sites have the Blue Angel UZ 195 eco-label. Printed products can be manufactured at selected sites which have the eco-labels EU Ecolabel or Nordic Swan.



INTERESTED PARTIES AND THEIR EXPECTATIONS.

Interested parties	Expectations / requirements	Importance high/medium/low	Chances (C)/Risks (R)
Employees	<ul style="list-style-type: none">Secure jobsEnvironmentally friendly jobsEcologically exemplary behaviour of the company	<ul style="list-style-type: none">medium	<ul style="list-style-type: none">C: Increase of employee motivation through strong identification with the company
Customers	<ul style="list-style-type: none">ComplianceInformation on the ecological assessments of productsCertification / Environmental performanceEnvironmentally conscious image	<ul style="list-style-type: none">high	<ul style="list-style-type: none">C: Customers reward transparent communication with conscious purchasing decisionsC: Strengthening of customer loyalty with credible commitmentR: Grading of supplier ratings of customersR: Ecological assessment of competing products may be better
Neighbours/residents/public	<ul style="list-style-type: none">Reduction of environmental incidents and problemsReduction of emissions (e.g. noise)Transparent communication and easily accessible information about the company	<ul style="list-style-type: none">medium	<ul style="list-style-type: none">C: Avoidance of conflicts and legal disputes through cooperative behaviourC: Gaining trust among residents and increased tolerance for short-term negative effects of productionR: Conflicts and legal disputes if complaints are neglected
Suppliers	<ul style="list-style-type: none">No known expectations of suppliers who have environmental requirementsTwo-way communicationRegulated business conditions	<ul style="list-style-type: none">low	<ul style="list-style-type: none">No relevant risks or chances
Authorities / officials / certification companies	<ul style="list-style-type: none">Compliance with laws/standardsCompliance/transparency in reporting and communicationObservation of all specific legal requirements and active reporting of deviationsCareful and precautionary handling of resources on-site (soil, water, air), as well as the reduction of waste and emission	<ul style="list-style-type: none">high	<ul style="list-style-type: none">C: Simplified approval procedure and improved collaboration with active and open communicationC: Improved cooperation and support from the authorities in the event of legal uncertaintiesR: Stricter requirements and longer approval procedures, more frequent on-site checks if information is withheldR: Stricter requirements and more frequent checks if the impression is given that environmental risks are not being carefully considered
Shareholders	<ul style="list-style-type: none">Compliance/legal conformityTransparent communicationImprovement of environmental performance	<ul style="list-style-type: none">medium	<ul style="list-style-type: none">C: Certifications ensure safety in the relevant areasR: External reviews through audits



Implementation / responsibility	Possible activities/measures
<ul style="list-style-type: none">Shareholders, managing director, factory manager, department manager and all employees	<ul style="list-style-type: none">Participation in processes and projects for the increase and further development of sustainability
<ul style="list-style-type: none">Compliance officerShareholders, factory manager, department manager and all employeesEvidence through certification: EMAS, ISO 50001, Blue Angel, EU Ecolabel, Nordic Swan, FSC®, PEFC™	<ul style="list-style-type: none">Maintenance of the environmental certification and all eco-labelsIncrease of the environmental aspects of the procurements (e.g. Blue Angel / EU Ecolabel)Continuous reduction of carbon footprint
<ul style="list-style-type: none">Factory management, managing director, officersBlue Angel / Federal Immissions Control ActOnline presence, blog, environmental statement	<ul style="list-style-type: none">Transparency through the annual publishing of our environmental statementOnline presence with our own homepage and information on public sites, e.g. Blue Angel, about products
<ul style="list-style-type: none">Purchasing department: company-wide purchasing and procurement guidelines, supplier self-assessment	<ul style="list-style-type: none">Supplier development programme
<ul style="list-style-type: none">Compliance officerAccounting, officers, marketing	<ul style="list-style-type: none">Proactive collaboration with authoritiesEnsuring knowledge of future legal requirements
<ul style="list-style-type: none">Compliance officerManagement board, marketing, officersFactory management	<ul style="list-style-type: none">Internal maintenance and review of the requirements by the responsible persons

ENVIRONMENTAL MANAGEMENT.



EMAS

Resource-saving environmental management with the EMAS

The economy and the environment must, and can, go hand in hand. With the European EMAS (Eco-Management and Audit Scheme) environmental management system, companies are able to save resources intelligently. But the EMAS can also do a lot more: EMAS-tested organisations make an significant contribution to environmental protection, save costs and show social responsibility.

The EMAS ensures that all environmental aspects of energy consumption, even through to the waste and emissions, can be implemented in a legally secure and transparent manner.

As a voluntary instrument of the European Union, the EMAS

- is open to all industries and company sizes
- covers all DIN EN ISO 14001 requirements
- is applicable worldwide

ENERGY MANAGEMENT.



100 % green energy

All our production sites have been running on 100 % green electricity generated through hydropower as standard since 2013, and they have been running on 100% climate-neutralised natural gas since July 2017. We are happy for you to express this environmentally friendly production method on your printed product, and for you to add our green energy logo to your layout.

- The logo identifies your printed product as having been produced in an environmentally friendly way with regards to the energy used in production
- Standard production with 100% green energy (green electricity and gas)



ISO 50001

How does an energy management work?

An energy management can help to identify and enhance energy saving potential. First, energy flows in operations and the associated energy carriers are recorded and analysed, then ideas for improvements are developed based on this information, their profitability is evaluated and they are then implemented. As such, the energy management helps us to make decisions when it comes to making investments in energy efficiency. In order to achieve an improvement in energy efficiency in the long term, companies

define an organisation-wide energy policy, set energy objectives, create action plans and measure the achievement of objectives with key performance indicators. In addition, the energy management also influences the organisational and technical processes in the company, as well as the behaviour of employees. For example, it regulates responsibilities for energy-relevant processes, defines communication procedures, determines the necessary skills for employees and ensures that they are equipped with them.

Businesses that pursue an environmentally-conscious strategy are not only doing something good for the planet but are also promoting their image and, depending on the industry, are even capable of generating more sales by doing so. Ecology and economics are in no way mutually exclusive. With us, you have the option of distinguishing your product with various eco-labels. Each eco-label focuses on different things and has different requirements. We'd like to provide you with a summary here – sustainability should be anything but complicated.

ECO-LABELS.



Blue Angel

The Blue Angel has been the eco-label of the Federal Government of Germany for over 40 years. Independent and credible, it sets demanding standards for environmentally-friendly products and services and lets consumers know that they are making a sustainable purchase. With the Blue Angel for printed products, all materials used to produce the product are taken into consideration. This usually includes the energy and resources used for production, such as paper and ink. The printing process and machine cleaning can lead to the emission of volatile organic solvents which contribute to the ozone formation 'summer smog'. In ecological system comparisons, paper products made from recovered paper come off considerably better in terms of resource consumption, waste water

pollution and water and energy consumption, than paper products with a predominantly primary fibre content. The manufacturing of printed products made using paper with a high recovered paper content helps to conserve resources, particularly the forest ecosystem, and reduce waste. In addition, a printed product should be made with suitable inks, varnishes and adhesives to ensure that it can be recycled. The use of energy, paper waste and air and water emissions in the printing process can be reduced through process optimisation. As such, consumers can be sure that printed products that bear the Blue Angel label are an environmentally-friendly alternative to more conventional printed products already on the market.



EU-Ecolabel

The EU Ecolabel is recognised in all member states of the European Union, as well as Norway, Lichtenstein and Iceland. The voluntary label, which was introduced by an EU Regulation in 1992 (Council Regulation EEC 880/92), has gradually become a reference point for consumers who want to help reduce pollution by buying more environmentally friendly products and services. The label is awarded to products and services which have a lower envi-

ronmental impact than comparable products. With the EU Ecolabel, the consumer should be able to identify more environmentally-friendly and healthier products. The label can be applied to cleaning products, electrical devices, textiles, lubricants, inks and varnishes, and even accommodation providers and camp-sites. However, for the moment this label cannot be awarded to foodstuffs, drinks, medicines and medical devices.



Nordic Swan

Nordic Swan is the national sustainable stamp for Scandinavian countries. The stamp is awarded to a wide variety of products, including candles, computers, investment funds and supermarkets. The governments of Finland, Norway, Sweden, Denmark and Iceland stand behind the Nordic eco-label (also 'Nordic Swan').

Since 1989, it has certified products from what are now more than 60 categories. The licenses are issued by the national offices of the five countries themselves and they also commission testing institutes to carry out audits. The focus of the Nordic Ecolabel is on environmental protection and the quality and safety of the products.

PAPER CERTIFICATES.



FSC® – Forest Stewardship Council®

The FSC® was founded in order to promote an ecologically adapted, socially beneficial and economically profitable management of the world's forests and therefore guarantee that the needs of today's generation can be met without putting the needs of future generations in danger.

Environmentally compatible

The forest operations are ecologically adapted in their management and ensure that the extraction of wood and non-wood products preserves the biodiversity, productivity and ecological processes of the forest.

Socially beneficial

The forest management helps both the local population and society as a whole to share in their long-term benefits. It also creates strong incentives for the local population to conserve forest resources and follow long-term management plans.

Economically beneficial

Forest operations must be managed in a structured way in order to be sufficiently profitable. Financial profit must not come at the cost of forest resources, ecosystems or the affected communities.



PEFC™ – Programme for the Endorsement of Forest Certification™

Backgrounds and goals

Forests regulate our climate and are also spaces for us to relax. Companies that are PEFC certified show commitment to the environment and responsibility in dealing with the indispensable raw material, wood. PEFC stands for comprehensive sustainability: an integrated concept, which combines ecological, social, and economic aspects. And PEFC guarantees a controlled supply chain – independently monitored, completely traceable and sustainable.

PEFC - Four letters the forest is happy about

PEFC is international. This is already reflected in the name „Programme for the Endorsement of Forest Certification Schemes“, which pursues one goal across national borders: the worldwide improvement of forest use and forest management. All national national systems are based on the same the same origin: on the resolutions decisions taken at the follow-up conferences to the Rio Conference on the Environment.

CLIMATE-NEUTRAL PRINTING.



Evers ReForest

Climate-neutral printing is actually quite simple when you realise that just a single tree can convert an average of 100 kg of CO₂ per year. With Evers ReForest, we have founded the first ever reforestation company of a printing company to compensate for CO₂ emissions that cannot be avoided during the manufacturing process. The carbon footprint for your print production process is determined and a corre-

sponding number of trees are planted to compensate for these emissions and to make your printed product climate-neutral.

- The logo identifies climate-neutralised printed products
- CO₂ compensation of your print production through our reforestation programme Evers ReForest



ClimatePartner

ClimatePartner continuously works towards improving the living conditions of people, animals and plants in the world through climate protection.

We develop and promote climate protection projects with our customers. Climate protection projects improve the local situation and create opportunities for people to improve their lives. In addition, climate protection projects preserve the habitats of animals and plants.

ClimatePartner continuously works towards improving the living conditions of people, animals and plants in the world through climate protection.

It stands for the development and promotion of climate protection projects which improve the local situation, and with it the quality of life. Even the preservation of the habitat for animals and plants is part of the climate protection projects.

However, the main contribution that we want to make is to protect the climate, so that future generations can live their lives as freely as we do today. This will not be possible if the average temperature of the Earth continues to rise. Let's reach this goal together!



First Climate

Not all emissions can be avoided, but all unavoidable emissions can be compensated. As climate change is a global phenomenon, Scope 1 and Scope 3 emissions that are generated in one place on Earth can be balanced out through the avoidance or prevention of emissions in another place on Earth. The

CO₂ compensation solution from First Climate makes it possible for you to support high-quality climate protection projects all around the world and acquire emission reduction certificates to show that your company is a climate-neutral company.

MEMBERSHIPS AND INITIATIVES.



Climate protection companies

What will our planet look like in 100 years? What will we leave behind for our children? These are questions that concern us and that society as a whole cannot avoid. Climate protection and energy efficiency are the solutions to these questions, but we have to do everything within our power today to make a change!

As Barack Obama said, "We are the first generation to feel the effect of climate change and the last generation who can do something about it." Our pioneering initiative 'Klimaschutz-Unternehmen e.V.' was founded for companies that have recognised this issue and that want to act. Here pioneers come together under the motto: 'Vordenken, vorleben, vorangehen!' (Think ahead,

set an example, go ahead) We set ambitious objective for ourselves and develop individual solutions for operational energy efficiency with products, services and production processes that can be measured and implemented as best practice models for other companies.

We are united by a shared mission, growing expertise and the continuous exchange of ideas. Neither the size of the company nor the industry that it belongs to matter if you want to join our pioneering initiative. What counts is the willingness to be a real pioneer, to work on future-oriented solutions, to exchange ideas with each other and to encourage a transfer of knowledge.



Healthy Printing

The Eversfrank Group is a member of the Healthy Printing Initiative, established by EPEA and the DOEN Foundation. The aim of the initiative is to encourage the healthy production of printed products in the long term by returning to the ecosystem the resources that it needs to continuously regenerate the materials used. All ecological and social effects along the entire supply chain are taken into consideration. The main focus of the Healthy Printing concept is ensuring a healthy level of recyclability.








In the future, printed products should be recycled according to quantifiable criteria, and by-products should be safely reused in other products or composted and returned to the ground.

The Eversfrank Group is taking the first steps towards reaching this long-term goal by changing the sheet and roll ink to Cradle to Cradle® as a standard for all productions. The aim is to actively promote positive effects instead of just trying to minimise negative effects, e.g. by trying to improve the quality of recycled products instead of simply trying to reduce the effects of printing.

As a member company of the initiative, we are committed to working towards producing healthy printed products by developing and optimising best practice and design and purchasing criteria through stakeholder networks.

ECO-LABELS AT A GLANCE.

		Environmental management	Energy management		Eco-labels		
		 EMAS GEPRÜFTES UMWELTMANAGEMENT DE-124-00013	 ISO 50001 ENERGY MANAGEMENT	 GEDRUCKT MIT 100% ÖKOENERGIE STROM & GAS	 BLAUER ENGEL DAS UMWELTZEICHEN	 EU Ecolabel www.ecolabel.eu	 NORDIC SWAN ECOLABEL
		EMAS	ISO 50001	Green energy	Blue Angel	EU-Ecolabel	Nordic Swan
Printing material	Paper grade	—	—	—	✓	✓	✓
	Origin/Recycling	—	—	—	✓	✓	✓
	Deinking ink	—	—	—	✓	✓	✓
Chemicals/ Materials	Ingredients	✓	✓	—	✓	✓	✓
	Efficiency	✓	✓	—	✓	✓	✓
Energy	Efficiency/Certification	✓	✓	✓	✓	✓	✓
	Use of renewable energies	✓	✓	✓	—	—	✓
Water	Consumption/Management	✓	✓	✓	✓	✓	✓
Waste	Waste types	✓	—	—	✓	✓	✓
	Recyclin/reuse	✓	—	—	✓	✓	—
Emissions	CO ₂	✓	—	✓	✓	✓	✓
	VOC	✓	—	—	✓	✓	✓
	Air thresholds	✓	—	—	✓	✓	✓
Management	Quality	—	—	—	—	—	✓
	Occupational safety	✓	—	—	—	—	✓
	CSR	—	—	—	—	—	✓
<div><div>— = No requirements</div><div>✓ = Requirement</div><div>★ = For climate-neutral printing, a carbon footprint of the product is required. All marked requirements are relevant for this.</div><div>★ ¹ = Life cycle assessment/Product life cycle</div></div>							

Paper certificates		Climate-neutral printing			Memberships and initiatives	
 FSC® www.fsc.org FSC® C115061 Das Zeichen für verantwortungsvolle Waldwirtschaft	 PEFC™ PEFC04-31-2087 Förderung nachhaltiger Waldwirtschaft www.pefc.de	 Evers ReForest	 Climate Partner	 firstclimate Klimaneutral & More Services	 Klimaschutz Unternehmen DIE KLIMASCHUTZ UND ENERGIE SPARUNGSPARTNER DER DEUTSCHEN WIRTSCHAFT	 Healthy printing!
FSC®	PEFC™	Evers ReForest ★	Climate Partner ★	First Climate ★	Klimaschutz Unternehmen	Healthy Printing
✓	✓	✓	✓	✓	✓	✓
✓	✓	✓	✓	✓	✓	✓
—	—	—	—	—	—	✓
—	—	✓	✓	✓	✓	✓
—	—	✓	✓	✓	✓	✓
—	—	✓	✓	✓	✓	✓
—	—	✓	✓	✓	✓	✓
—	—	✓	✓	✓	✓	✓
—	—	✓	✓	✓	✓	— ★ 1
—	—	✓	✓	✓	✓	✓
—	—	✓	✓	✓	✓	—
—	—	✓	✓	✓	✓	—
—	—	✓	✓	✓	✓	—
—	—	—	—	—	—	—
✓	—	—	—	—	✓	✓
—	—	—	—	—	✓	✓

7 GOOD REASONS FOR AN ENVIRONMENTAL MANAGEMENT ACCORDING TO THE EMAS.

1. More climate protection

Protecting the climate is one of the most urgent tasks of our time. Whether it is about avoiding greenhouse gases or adapting to climate change: EMAS-registered organisations are well equipped for anything. They systematically collect and analyse energy consumption and emission data. This allows us to create greenhouse gas balance sheets that also include upstream and downstream processes. This subsequently makes it possible for EMAS organisations to tap into potential savings that reduce their greenhouse gas emissions and costs at the same time. They can also increase their energy efficiency and reduce their carbon footprint through the continuous improvement process. With the EMAS, companies and organisations lay the foundations for climate neutrality and make a significant contribution to climate protection.

2. More resource efficiency

The efficient use of raw materials and energy sources harbours both challenges and benefits at the same time. For many companies, the permanent lowering of costs of resources is an important reason why they participate in the EMAS. Their experience has shown that when environmental management is strategically implemented it can significantly reduce the costs associated with waste, energy and water and improve resource efficiency. This is why the German Federal Government considers the EMAS to be a particularly suitable tool for operational resource management as part of the German Resource Efficiency Program (ProgRess). The EMAS is an effective system for the careful use of resources.

3. More legal security

Environmental legal requirements on companies are constantly increasing. Independent environmental auditors intensively check to see whether a company is acting in accordance with the law. For EMAS participants, this means greater legal security and a lower liability risk. Federal and state govern-

ments honour this by granting registered organisations relief in enforcing environmental regulations, including financial advantages. The EMAS confirms that the company adheres to environmental laws and regulations..

4. More sales opportunities

Whether public or private sector, questions about corporate environmental management are the order of the day when it comes to submitting tenders or evaluating the supply chain. Registered EMAS companies have a clear advantage here as they can provide credible evidence of their commitment. Public procurement law has improved the possibilities for administrations to take ecological aspects into account in tenders. Even international corporations sometimes have to meet so many environmental requirements that they place increasing demands on their supply chain. For registered EMAS organisations, evidence of an EMAS registration can replace any additional costs for expert reports and exclude the risk of an 'environmental unsuitability'. As the international environmental management standard ISO 14001 is a part of the EMAS, the organisations automatically meet these requirements and even go beyond them. The EMAS creates and secures sales opportunities.

5. More employee participation

The success of a company depends both on the anchoring of environmental protection and on their employees. The EMAS supports employee participation to a high degree and thus promotes decision-making structures and improvement processes. If the employees are committed and motivated, this also strengthens their identification with the company and creates a positive working atmosphere. In many EMAS companies, environmental protection is therefore also part of the operational suggestion scheme. The EMAS makes employee participation a component of modern management and the basis of long-term corporate success.

6. More trust

Trust is the most important asset for companies and other organisations. EMAS organisations document the fact that they continuously work towards improving the environment in an environmental statement that is publicly available. With this environmental statement, and the verification of the statements and data contained therein by independent, state-certified environmental experts, the EMAS creates the greatest possible credibility. All recognised EMAS organisations can use the EMAS logo to market and showcase their commitment to the environment. The EMAS – the management

7. More sustainability

Today, climate change, demographic development, globalisation and digitalisation shape the framework of economic activity. Now, more than ever before, sustainability is an issue that politicians are increasingly demanding be taken into account. The EMAS offers a methodology in the environmental sector that makes it possible to systematically record and control the effects of your own business field. This approach can be expended to all levels, e.g. to issues of corporate responsibility and sustainability. This makes getting started with sustainability management easy. The EMAS as a component of a sustainable company management.

Source: Geschäftsstelle des Umweltgutachterausschusses (Office of the Environmental Verification Committee)



STEP-BY-STEP TO THE GOAL.

Optimal energy efficiency, consistent CO₂ minimisation and constant improvement in the use of materials – such ambitious environmental programmes cannot be achieved by accident. They need ideas, individual measures, supervision, monitoring, plans and, above all, a team which will take all these steps and implement them together. That's the only way we can avoid more pollution and improve our environmental performance year-on-year.

On the following pages, you'll find our current environmental programme. Every year, it is evaluated, updated and expanded to include new projects. Continuous monitoring helps us to monitor the measures and the progress in implementing them, and to make adjustments if necessary. So, we can present

performances, processes and environmental figures, as well as occupational safety and safety parameters. The relative and absolute progress is the basis for the consistent improvement of our overall environmental management programme. This is how we're reaching our goals step-by-step.















EVERSFRANK MELDORF





No.	Environmental Goal	Measures and Environmental Programme	Deadline	Responsible	Status 06/2020	
01.11 Material/ Operating Material	IPA reduction (BY 20/21)	Continuous expansion of IPA-free printing	ongoing	Department heads and employees of the sheet-fed and web-fed printing department	BY 14/15 -27 % BY 15/16 +12 % (not achieved) BY 16/17 -18 % (target -5% achieved) BY 17/18 -30 % (target -5% clearly achieved) BY 18/19 -15% (target -10% achieved) BY 19/20 -70% (target -90% n. achieved)	
11.11 Energy/ Electricity/ Gas	Improvement of the core indicator „Energy efficiency“ (BY 20/21 0,507)	Various measures	ongoing	All divisions	Core indicators: BY 15/16 0.461, target (0.485) achieved BY 16/17 0.449, target (0.457) achieved BY 17/18 0.497, target (0.444) n. achieved BY 18/19 0.510, target (0.472) n. achieved BY 19/20 0.504, target (0.518) achieved continuous, since the change of the production capacity and machine constellation corresponds to the target (basic load effect), the indicator is updated if necessary.	
12.11 Material/ Input/ Output	Improvement of the core indicator „material efficiency“ (GJ 20/21 1,212; Hold indicator)	Various measures in the area of consumption and waste reduction	ongoing	All divisions	Core indicators: BY 15/16 1,217, target achieved (1.222) BY 16/17 1,206, target (1.210) achieved BY 17/18 1,225, target (1.200) not achieved BY 18/19 1,224, target (1.213) not achieved BY 19/20 1,212, target (1,224) achieved continuous, indicator is updated if necessary as changes in production capacity and machine constellation correspond to target	
04.15 Material/ Raw Material	Waste reduction (GJ 20/21; Hold indicator)	Project Material Efficiency	Next valuation 06/2021	Department heads web printing, sheet-fed printing, further processing	BY 15/16 waste rate rel. - 7% achieved BY 16/17 waste rate rel. - 4% (target -2%) achieved BY 17/18 waste rate rel. +7.8% (target -2%) not achieved BY 18/19 waste rate rel. +1.0% (target -2%) not achieved BY 19/20 waste rate rel. -5.0% (target -1%) achieved continuous indicator is updated annually taking into account production capacity and machine constellation, etc.	
01.16 Energy / Electricity	LED interior lighting (increased electricity efficiency)	Exchange further areas, Halle 10 und 11	Next valuation 06/2021	Plant and system engineering	new planning/testing after changed machine constellation from 01.2021, Dismantling Lithoman A	
05.17 Energy/ Electricity	Sheet-fed press hall Recooler (energy efficiency)	Replacement of the recoolers to the size required	(06/2018) 10/2018	Plant and system engineering	Planning, delay due to delayed sheet-fed printing press new demand-oriented recoolers, achieved	
02.17 Energy/ Electricity	Compressor replacement (energy efficiency 70,400 kWh/a)	Replacing a compressor with the latest efficient technology	(06/2018) 12/2018	Plant and system engineering	Replacement measure, new compressor with active power consumption according to ISO 1217 Annex of guaranteed 6.9 kW/m³/min Successfully implemented, remaining work open	
01.17 Emissions/ Greenhouse Gases	Waste heat utilisation (3,000 MWh waste heat) with 800 t CO2 saving)	District concept of the city of Meldorf, waste heat utilisation through seasonal storage facilities	(06/2019) 12/2021	Management, plant and system engineering	18.02.2018 Foundation of Meldorf Public Utility Company 29.11.2019 Federal government supports waste heat network 30.01.2020 School association decides supply 15.06.2020 Public display of the F plan	
03.17 Energy/ Electricity	Replacement sheet-fed printing machine (energy efficiency, 126,000 kWh/a with the same output)	Replacement of a sheet-fed printing press with the latest efficient technology	(06/2018) 10/2018	Managing Director and Head of Sheet-fed Printing Department	Order placed, commissioning 10/2018 Successfully implemented	
04.17 Material/ Operating Materials	Sheet-fed printing machine replacement (material efficiency), no use of isopropanol	Commissioning and printing without isopropanol	(06/2018) 10/2018	Head of Department and sheet-fed printing employees	Order placed, commissioning 10/2018 Successfully implemented	

No.	Environmental Goal	Measures and Environmental Programme	Deadline	Responsible	Status 06/2020	
01.18 Material/ Energy	Energy efficiency (folding machines)	Concentration test for folding machines with performance and production requirements, quantification of energy efficiency after completion of the test	06/2019	Plant management Eversfrank Meldorf, Department head further processing	new BY 18/19 Will not be pursued further, consolidation adjustment Further processing at the end of 2019	
02.18 Material/ Energy	Improvement of the performance of extraction and blowing air systems chip extraction (energy efficiency) and failure safety	Project improvement of the extraction and blowing air system, quantification of energy efficiency and completion of the test	12/2019 (12/2021)	Plant management Eversfrank Meldorf, plant and system engineering	new BY 18/19 extension, will only be applied after consolidation and adjustment A new look at web-fed printing at the beginning of 2020 Abbau Lithoman A	
03.18 Material/ Energy	Improving energy efficiency	VLF Kodak imagesetter, quantification of energy efficiency after completion of the test	12/2019	Plant management Eversfrank Meldorf, department head pre-press	No further detailed examination. Will not be pursued further.	
4.18 Material/ Hazardous Substances	Energy efficiency (folding machines)	Combination washing systems, washing agent is applied to the web before the first printing unit and cleans the blankets under pressure	12/2019	Plant management Eversfrank Meldorf, department head web-fed printing	new BY 18/19 No further detailed examination. Will not be pursued further.	
05.18 Material/ Auxiliary Materials	Further conversion to silicone concentrate (increased efficiency of material), minus 25% silicone solution in comparison GJ 17/18	Installation of CFA technology on another printing press	06/2019	Plant management Eversfrank Meldorf, department head web-fed printing	new BY 18/19 No further detailed examination. Will not be pursued further.	
06.18 Emissions/ Greenhouse Gases	Improvement of CO2 emissions	Technotrans company, Refrigeration unit with innovative refrigerant R513A (previously R407C)	12/2018	Plant management Eversfrank Meldorf, department management sheet-fed printing	finished implemented , GWP reduction of R513A over net income R407C minus ca. 66 %	
01.19 Waste/ Waste for Disposal	Reduction of residual waste quantities	Currently 2 x2.5m³ residual waste / week New 1 x2.5m³ residual waste / week less production quantities at the site, plus improved separation of plastics	06/2020	Plant management Eversfrank Meldorf, waste officer, environmental management	new BY 19/20	
02.19 Material/ Hazardous Substances	Hazardous substitution „proactive for eco-labels,“	Butylglycol contain e.g. in dampening solution, search for replacement and application test Change in CLP classification of butylglycol still classified e.g. with „acute toxicity category 4“ -> in future („acute toxicity category 3“ - toxic by inhalation)	06/2021	Plant management Eversfrank Meldorf, purchasing department, printing department management	GJ 19/20 Manufacturers and suppliers work on the recipes	
01.20 Material efficiency	Less packing -packing frame up to -50% -optimized film use through automatic wrapping process up to -20%. Health protection for employees -back protection	new pallet line	06/2020	Plant Manager Department Manager	new BY 19/20	

EVERSFRANK PREETZ

No.	Environmental Goal	Measures and Environmental Programme	Deadline	Responsible	Status 06/2020	
20.12 Material/ Raw Material	Improvement of the core indicator „material efficiency“ (BY 20/21: 1,259)	Waste paper projects at the printing machines, web width optimization in scheduling and AV, installation of a new prepress stage	ongoing	All divisions	BY 15/16: 1.264 BY 16/17: 1.271 (not achieved) BY 17/18: 1.283 (not achieved) BY 18/19: 1.266 (-1.4%) BY 19/20: 1,260 (achieved)	
06.13 Material/ Auxiliary Materials	Optimization of silicone consumption	Optimisation of web-fed offset consumption through more efficient materials / staff training	ongoing	Department head and employees web-fed printing	Conversion to silicone oil on Lithoman printing machines. BY 17/18 to the previous year: Savings of -95 t silicone mixture with +14 t silicone oil use. BY 18/19 to the previous year: +4% more consumption of silicone mixture; +45% more use of silicone oil. A saving in BY 19/20 is expected with the recommissioning of a Lithoman machine. GJ 19/20 zvs. prior year: 55% reduction in silicone compound; + 11.2% increase in silicone oil use	
08.13 Waste	Waste separation Target: Maintain the achieved rel. reduction of 7.9 %	Further sensitization for the separation of printed and unprinted waste paper	ongoing	Department management, shift management and rotary printing employees	BY 17/18: 12,07 % BY 18/19: 11,03 % BY 19/20: 10,16 %	
03.15 Energy/ Electricity	Improvement of energy efficiency „electricity“ during shutdown (40% relative to production area)	Reduction of base load value during shutdown	ongoing	Department management	Plans for Lithoman 64, 80/1, 80/2 created, more areas to follow. Plans are drawn up for further processing.	
06.16 Energy	Improvement of energy efficiency through transparency (+5 measuring points)	Central control and monitoring of consumption quantities	ongoing	Plant and system engineering/Energy Management	BY 16/17: 4 counters installed. BY 17/18: 21 counters for new Lithoman 80/2 installed. BY 18/19: 5 counters installed. BY 19/20: 28 counters installed.	
07.16 Energy/ Electricity	Improvement of energy efficiency „electricity“ through the use of LED technology (-40 kW)	Interior lighting: Replacement/expansion of LED technology	ongoing	Plant and system technology	LED installations: BY 16/17: 257 (-12 kW) BY 17/18: 110 (-7 kW) BY 18/19: 15 (-1 kW) BY 19/20: 1 (-0,5 kW)	
12.16 Energy / Gas/ Heat	Improvement of energy efficiency „heat“ (+1 analysis of heat generators)	Determine temperature levels of waste heat/heat sources, derive possible uses	12/2019	Energy and environmental management	Talks on the feasibility study (heat sources and heat demand planning) of the city of Preetz in progress	
13.16 Energy / Electricity	Improvement of energy efficiency „electricity“ through alternative technology and runtime optimization (-50% relative)	Outdoor lighting: Replacement/expansion of LED technology and optimisation of switch-off processes	BY 18/19	Plant and system engineering/Energy Management	Replacement of outdoor lights for digital printing in Hall 21 (-35% active power). Runtime optimisation promises potential and will be further tested.	
14.16 Energy/ Electricity/ Gas/ Material/ Raw materials/ Waste	Improvement of the core indicators „energy efficiency“ (0.521), „material efficiency“ (1.270) and „waste efficiency“ (0.270)	Installation of a new 80-page printing machine	06/2021	Managing Director, Plant and system engineering	Energy: BY 16/17: 0,536 (not achieved) BY 17/18: 0,578 (not achieved) BY 18/19: 0,612 (not achieved) BY 19/20: 0,583 (not achieved) Material: BY 16/17: 1,271 (not achieved) BY 17/18: 1,283 (not achieved) BY 18/19: 1,266 (achieved) BY 19/20: 1,260 (achieved) Waste: BY 16/17: 0,263 (achieved) BY 17/18: 0,277 (not achieved) BY 18/19: 0,259 (achieved) BY 19/20: 0,251 (achieved)	  
03.18 Material Waste	Improvement of the core indicators „material efficiency“ (1.270) and „waste efficiency“ (0.270) through storage optimization	Minimization of storage quantities, avoidance of overcapacities and disposal of residual quantities	12/2019	Management, Department heads	Material: BY 18/19: 1,266 BY 19/20: 1,260 Waste: BY 18/19: 0,259 BY 19/20: 0,251	



No.	Environmental Goal	Measures and Environmental Programme	Deadline	Responsible	Status 06/2020	
01.19 Material/ Operating Materials	Improvement of the core indicator „material efficiency“ / operating materials (IPA -50%)	IPA-free printing at Rotoman 2	06/2020	Head of Printing Department	IPA consumption at the entire site reduced by 85.7% to one ton. IPA is still used in part for special colors and special paper grades.	
01.20 Energy/ Gas	Improvement of energy efficiency „gas“ (30% reduction from gas consumption for heating to BY 19/20).	Replacement of the old heating system with modern gas condensing boilers	06/2021	Managing Director, Energy and environmental management	The heating system has been replaced. Further analysis by the end of BY 20/21.	
02.20 Energy/ Gas	Improve energy efficiency „gas“ (5-10% reduction from gas consumption for heating to BY 19/20)	Installation of a water tank with an electric heating insert. Turning off the heating in the summer months.	12/2021	Managing Director, Energy and environmental management	The installation of the hot water tank with the electric heating insert has taken place in the summer of 2020. Further analysis by the end of CY 21.	
03.20 Biodiversity / sealed area	Improvement of the core indicator biodiversity Reduction of sealed area by 1 % Status 07/2020: 59,900m²	Renaturation of sealed area	06/2021	Managing Director, Energy and environmental management	Analysis until end of BY 20/21	



EVERSFRANK GROUP

No.	Environmental Goal	Measures and Environmental Programme	Deadline	Responsible	Status 06/2020	
01.13 Emissions/ Green-house Gases	CO ₂ reduction	Production with 100% green electricity from regenerative power generation without the use of fossil fuels and climate-neutral natural gas	12/2020 (06/2021)	Management	100 % eco-energy for the Group continues to be implemented until 31.12.2020 / 30.06.2021	
02.13 Staff Training	Environmental awareness	Training of employees by the Eversfrank Academy, with success control through testing	06/2017	Management and department heads	various modules in BY 15/16 continued in BY 16/17 Closed in BY 17/18	
01.15 Emissions	Eco-label Blue Angel UZ 195	Change of materials, e.g. printing ink (or aromatic mineral oils)	06/2021	Environmental management, department heads	New requirements of the environmental data for the Blue Angel UZ 195 must be proven to maintain RAL, update with new chemicals submitted to RAL	
01.16 Emissions/ Green-house Gases	CO ₂ reduction through first afforestation	Intensive area search for Evers-ReForest	06/2021	Management Evers ReForest	Expansion of compensation possibilities in Schleswig-Holstein achieved with coastal forest Dänisch-Nienhof Part 2 New area in Sierksfelde 2020/21 new area Plöner See (s. www.evers-reforest.com)	
01.17 Emissions/ Green-house Gases	CO ₂ reduction and consideration of NOx issues	Revision of Car Policy	(06/2020)	Management	Experience in electromobility evaluated There was a change from NEDC to WLTC for standard consumption and a change to a new fleet management system, 7 categories and fewer company cars in total.	
02.17 Emissions/ Green-house Gases	CO ₂ reduction of scopes 1-2	All eco-energy, climate-neutral natural gas	(06/2020)	Management	Scope 1-2 Climate management achieved All emissions of scopes 1-2 of the BY 18/19 were determined and compensated.	
01.18 Environmental Protection/Sustainability	Umsetzung von messbaren Verbesserungen hinsichtlich der Healthy Printing-Parameter	Erstellung einer Roadmap für 7 Jahre inklusive Meilensteine	06/2025	Management and environmental management	Production of a large catalogue (06/2019) with proven Healthy Printing colours for the cover and content. Will be pursued further	
02.18 Material/ Raw Material Paper	Implementation of measurable improvements with regard to Healthy Printing parameters	Development of a key figure Visualization of the web width utilization of the rotary presses (RBN) within the planning board to show optimization potentials. Switch-over option of the planning board from customer color of the planning strips to a width-dependent coloring (e.g. up to 60% = red; up to > 90% = dark green).	10/2018	Management and IT	Target was fully met on 29.03.2019 by IT-Development of Eversfrank.	
03.18 Material/ Raw Material Paper	Material efficiency (net paper requirement for total paper use), determination and output of a paper efficiency index (PEK)	Output of a paper efficiency key figure (PEK) as part of the calculation, in which the net product paper requirement is displayed in relation to the total paper usage. Enhancement of the costing results report to include a key figure that displays the relation of product weight multiplied by the purchase order circulation divided by the gross paper input.	12/2018	Management and IT	The paper efficiency index which reflects the overall complexity how inter-company considers orders and all parameters is not implemented. In the calculation, however, results are given for machines and paper.	
01.20 Implementation EMAS	Integration of the Aro-Druck site in Alzey into EMAS	complete EMAS implementation with data (input to environmental program)	09/2021	Management and Environmental Officer Alzey site	new für BY 2020/21	





FROM GOALS TO RESULTS: OUR HIGHLIGHTS.

The following pages only contain numbers. These ecological balance sheets are the basis of our EMAS certification and allow our measures and goals to be analysed. A balance sheet is created every year for each facility for the purpose of comparison and is presented in the form of core indicators. For this, the input (i.e. everything needed to produce printed products) is presented in relation to the output (i.e. everything that has been produced). Some of our highlights from this year show that the path to continuously more sustainable production is worth it:

Eversfrank Preetz:

89 %

less water consumed
since BY 2015/16

Eversfrank Meldorf:

88 %

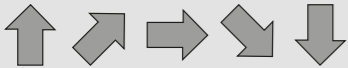
less isopropyl used
since BY 2015/16

ECOLOGICAL
BALANCE SHEET

MELDORF

CORE INDICATORS

		BY 16/17	BY 17/18	BY 18/19	BY 19/20	Diff. to LY	Goal for BY 20/21
Energy efficiency	Direct energy consumption [GWh]	35,3	35,7	34,95	30,85	↓ -11,7%	0,507
	Direct consumption of renewable energies [GWh]	21,3	21,1	20,30	18,46	↗ -9,1%	
	Direct output of printed products [kt]	78,74	71,85	68,46	61,26	↓ -10,5%	
	Renewable energy efficiency indicator [GWh/kt]	0,271	0,294	0,297	0,301	↗ 1,6%	
	Energy efficiency indicator [GWh/kt]	0,449	0,497	0,510	0,504	↘ -1,4%	
Material efficiency	Direct material use (raw materials, operational materials, auxiliary mat)	94,94	88,01	83,80	74,23	↓ -11,4%	1,212
	Direct output of printed products [kt]	78,74	71,85	68,46	61,26	↓ -10,5%	
	Material efficiency indicator [kt/kt]	1,206	1,225	1,224	1,212	↘ -1,0%	
Water	Direct water consumption [1.000 m³]	23,94	26,13	29,96	26,04	↓ -13,1%	0,425
	Direct output of printed products [kt]	78,74	71,85	68,46	61,26	↓ -10,5%	
	Water efficiency indicator [m³/t]	0,304	0,364	0,438	0,425	↘ -2,9%	
Waste	Annual volume of waste [kt]	15,18	15,14	14,24	12,08	↓ -15,2%	0,197
	Annual volume of hazardous waste [kt]	0,06	0,06	0,06	0,08	↑ 81,2%	
	Direct output of printed products [kt]	78,74	71,85	68,46	61,26	↓ -10,5%	
	Hazardous waste efficiency indicator [t/kt]	0,764	0,809	0,844	1,255	↑ 48,8%	
	Waste efficiency indicator [kt/kt]	0,193	0,211	0,208	0,197	↘ -5,3%	
Biological diversity	Area used on ground floor [1.000m²]	47,7	48,7	48,7	48,7	→ 0,0%	0,757
	Sealed area [1.000m²]	44,0	44,0	44,0	44,0	→ 0,0%	
	Near-natural area at the facility [1.000m²]	3,7	4,7	4,7	4,7	→ 0,0%	
	Near-natural area next to the facility [1.000m²]	0,0	0,0	0,0	0,0	→ 0,0%	
	Direct output of printed products [kt]	78,74	71,85	68,46	61,26	↓ -10,5%	
	Sealed area usage indicator [m²/t]	0,558	0,612	0,642	0,717	↑ 11,8%	
Emissions	Direct CO2 emissions into the air (gas) [t] *	2.978	3.105	3.117	2.637	↓ -15,4%	0,385
	Indirect CO2 emissions (electricity) [t] **	425	99	57	52	↓ -9,2%	
	Direct emission into the air of CO2 equivalent (refrigerant) [t]	65	178	132	6	↓ -95,5%	
	Indirect CO2 emissins into the air (footprint) ***** [t]	23.506	21.955	21.910	20.754	↘ -5,3%	
	Direct output of printed products [t]	78.740	71.851	68.460	61.259	↓ -10,5%	
	Total direct emissions indicator [t/t]	0,038	0,043	0,046	0,043	↘ -5,5%	
	Direct and indirect greenhouse gas emissions indicator [t/t]	0,342	0,350	0,366	0,383	↗ 4,4%	



The trend arrow for changes on the previous year is automatically calculated for the relevant area (e.g. raw materials). The absolute changes and the minimum and maximum changes are divided into 5 clusters for this purpose.

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However, the mathematical groupings, e.g. an arrow with the description "no change", mean that positive and negative values can also be found for these clusters.

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**** Data from calculations for BImSchG / PRTR information
***** Greenhouse gas data calculated in accordance with principles and methods in the Greenhouse Gas Protocol.

The CO₂, CH₄, N₂O, halogenated fluorocarbon, PFC, NF₃ and SF₆ emissions required in the total annual greenhouse gas emissions in accordance the EMAS regulation, expressed in tonnes of CO₂ equivalent, are taken into consideration in the ecological balance sheets.

The emission values for all six greenhouse gases are verified or determined for this purpose. In addition to carbon dioxide (CO₂), which makes up more than 99.5 % of the total, fluorocarbons (halogenated fluorocarbons) are converted into GWP via refrigeration systems. Sulphur hexafluoride (SF₆), for example, is present in very small quantities as an isolating gas in the switching units for transformers but is to be disregarded when considering greenhouse gas emissions.

Further, methane (CH₄; formed when organic materials are broken down under the exclusion of air) and laughing gas (nitrous oxide, N₂O; relevant to the use of fertilisers) are not formed.
The quantities arising from the combustion processes at the facilities in Meldorf and Preetz are listed under NO_x as NO₂ in these output balance sheets. Finally, nitrogen trifluoride (NF₃), e.g. in semiconductors or in the photovoltaics industry, is also irrelevant for the Eversfrank Group.

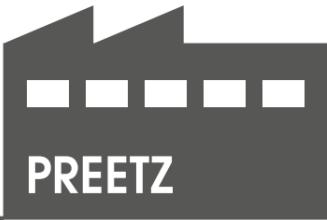
INPUT

		BY 16/17	BY 17/18	BY 18/19	BY 19/20	Diff. to LY
Raw materials [t]	Web paper	85.099,3	78.080,0	74.621,2	65.128,7	↓ -12,7%
	Sheet paper	6.356,7	6.622,7	5.785,5	6.078,0	↗ 5,1%
	Web ink	2.247,2	2.059,9	2.314,0	2.048,2	↓ -11,5%
	Sheet ink	52,7	53,8	53,2	42,3	↓ -20,6%
	Coating	85,1	103,9	74,1	78,0	↗ 5,3%
	Packaging and shipping materials	421,6	505,1	399,2	347,5	↓ -12,9%
	Raw materials total	94.262,6	87.425,4	83.247,2	73.722,7	↓ -11,4%
Operating materials [t]	Isopropyl	53,7	30,3	27,1	8,0	↓ -70,4%
	Fountain solution additive (fountain solution)	94,0	90,1	93,7	89,6	↘ -4,4%
	Rubber cloth / drum detergent	53,6	53,6	50,2	45,4	↘ -9,7%
	Cleaning chemicals (plate cleaner, drum cleaner, developer machine cleaner)	0,9	1,1	1,4	0,9	↓ -35,1%
	Printing plates	120,3	122,6	111,9	104,6	↘ -6,5%
	Rubber cloths	4,6	5,2	4,6	3,5	↓ -23,9%
	Developer	16,8	15,5	14,1	13,5	↘ -4,1%
	Rubber coating	1,0	1,3	1,2	1,4	↗ 24,5%
	Lubricants	4,1	2,3	3,1	1,8	↓ -41,9%
	Fuel for company cars	37,0	43,3	38,1	27,6	↓ -27,7%
	AdBlue	0,1	0,2	0,3	0,2	↓ -13,2%
	Fuel for gas-powered fork-lifts	29,1	23,5	26,1	20,3	↓ -22,1%
	Operating materials total	415,0	388,9	371,8	316,9	↓ -14,8%
Auxiliary materials [t]	Silicone	166,4	77,5	78,2	75,5	↘ -3,5%
	Silicone concentrate (silicone oil)	6,6	18,9	20,0	19,0	↘ -5,0%
	Silicone emulsifier (additive)	0,5	1,4	0,8	1,0	↑ 28,2%
	Back wire	45,7	57,2	39,2	46,9	↗ 19,7%
	Powder	1,4	1,7	1,5	1,6	↑ 10,6%
	Adhesives	37,8	36,5	38,2	46,7	↑ 22,2%
	Softening concentrate / paper moistening	1,2	1,8	1,4	1,1	↓ -22,4%
	Coolants / printing aids	2,1	1,9	3,0	2,9	↘ -1,0%
	Auxiliary materials total	261,7	196,9	182,3	194,8	↗ 6,9%
Energy [GWh]	Electricity	21,3	21,1	20,3	18,5	↘ -9,1%
	Gas	14,0	14,6	14,6	12,4	↓ -15,4%
	Energy total	35,3	35,7	34,9	30,8	↓ -11,7%
Water [m³]	Fresh water	23.937	26.125	29.963	26.037	↓ -13,1%
	Water total	23.937	26.125	29.963	26.037	↓ -13,1%

OUTPUT

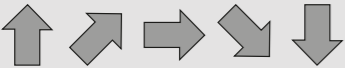
		BY 16/17	BY 17/18	BY 18/19	BY 19/20	Diff. to LY
Printed products [t]	Journals, magazines, supplements, catalogues	78.740,1	71.850,7	68.460,3	61.259,0	↓ -10,5%
Waste [t]	Total volume of waste (reference value core indicator)	15.180,8	15.144,6	14.243,6	12.078,8	↓ -15,2%
Non-hazardous waste for processing [t]	Paper waste	14.213,4	14.195,0	13.373,7	11.249,2	↓ -15,9%
	Cardboard	757,1	741,0	658,1	599,5	↘ -8,9%
Hazardous waste for processing [t]	Barrels, canisters made from plastic	1,9	1,7	0,0	0,0	→ 0,0%
	Tapes, plastics / steel	1,6	0,3	4,5	0,8	↓ -81,1%
	Printing plates	120,3	122,1	112,8	95,7	↓ -15,2%
	Wood	1,4	1,5	11,9	29,2	↑ 144,9%
	Glass	1,5	1,5	1,5	1,5	→ 0,0%
	Total of non-hazardous waste for processing	15.097,2	15.063,1	14.162,5	11.975,9	↓ -15,4%
Non-hazardous waste for removal [t]	Residual waste	23,4	23,4	23,4	26,0	↑ 11,1%
	Total of non-hazardous waste for removal	23,4	23,4	23,4	26,0	↑ 11,1%
Hazardous waste for processing [t]	Rubber cloth detergents / preservatives	9,9	7,4	5,9	12,2	↑ 108,5%
	Oil mixtures and absorption and filter mats	2,0	2,8	5,2	21,1	↑ 307,4%
	Offset plates and developer solutions	11,7	11,6	12,6	10,8	↓ -13,8%
	Fluorescent tubes	0,0	0,0	0,1	0,1	↘ -7,7%
	Electronic waste	1,2	0,7	0,9	0,4	↓ -55,8%
	Lead-acid batteries	0,0	0,1	0,1	0,1	↗ 15,9%
	Total of hazardous waste for processing	24,9	22,5	24,7	44,8	↑ 81,2%
Hazardous waste for removal [t]	Ink residue	8,0	7,0	10,2	12,5	↑ 22,3%
	Polyurethane waste	18,4	24,9	17,9	14,1	↓ -21,2%
	Hardened glue	8,9	3,7	4,9	5,5	↑ 12,5%
	Total of hazardous waste for removal	35,3	35,6	33,0	32,1	↘ -2,8%
Waste water [m³]	Indirectly introduced social and production waste water	3.981	4.723	6.039	4.019	↓ -33,4%
	Waste water total	3.981	4.723	6.039	4.019	↓ -33,4%
Emissions [t]	Indirect SO ₂)*	9,95	9,87	9,48	8,61	↘ -9,2%
	Indirect NO _x)*	18,66	18,63	18,01	16,20	↓ -10,1%
	Indirect dust)*	1,49	1,48	1,42	1,29	↘ -9,1%
	Direct CO emissions into the air ***	5,73	6,69	6,52	5,95	↘ -8,7%
	Direct NO _x emissions into the air ***	5,15	5,14	4,90	4,00	↓ -18,4%
	Total direct C emissions into the air ***	0,46	0,48	0,47	0,21	↓ -55,9%
	Direct PM emissions into the air ****	0,17	0,17	0,17	0,17	→ 0,0%
	CO ₂ gas)*	2.978	3.105	3.117	2.637	↓ -15,4%
	CO ₂ electricity)**	425	99	57	52	↘ -9,2%
	CO ₂ e coolants in GWP)***	65,3	177,6	132,4	5,7	↓ -95,7%

ECOLOGICAL
BALANCE SHEET

PREETZ

CORE INDICATORS

		BY 16/17	BY 17/18	BY 18/19	BY 19/20	Diff. to LY	Goal for BY 20/21
Energy efficiency	Direct energy consumption [GWh]	43,1	45,9	44,25	38,37	↓ -13,3%	0,572
	Direct consumption of renewable energies [GWh]	24,8	26,0	23,42	21,51	↓ -8,2%	
	Direct output of printed products [kt]	80,43	79,41	72,36	65,78	↓ -9,1%	
	Renewable energy efficiency indicator [GWh/kt]	0,308	0,327	0,324	0,327	↔ 1,0%	
	Energy efficiency indicator [GWh/kt]	0,536	0,578	0,612	0,583	↓ -4,6%	
Material efficiency	auxiliary materials [kt]	102,22	101,93	91,60	82,87	↓ -9,5%	1,259
	Direct output of printed products [kt]	80,43	79,41	72,36	65,78	↓ -9,1%	
	Material efficiency indicator [GWh/kt]	1,271	1,284	1,266	1,260	↔ -0,5%	
Water	Direct water consumption [1,000 m³]	81,71	31,35	27,24	25,59	↓ -6,0%	0,389
	Direct output of printed products [kt]	80,43	79,41	72,36	65,78	↓ -9,1%	
	Water efficiency indicator [m³/t]	1,016	0,395	0,376	0,389	↔ 3,4%	
Waste	Annual volume of waste [kt]	21,17	21,96	18,75	16,50	↓ -12,0%	0,251
	Annual volume of hazardous waste [kt]	0,17	0,17	0,22	0,21	↔ -6,1%	
	Direct output of printed products [kt]	80,43	79,41	72,36	65,78	↓ -9,1%	
	Hazardous waste efficiency indicator [t/kt]	2,127	2,177	3,044	3,146	↔ 3,3%	
	Waste efficiency indicator [kt/kt]	0,263	0,277	0,259	0,251	↓ -3,2%	
Biological diversity	Total area used [1,000 m²]	105,5	105,5	105,5	105,5	↔ 0,0%	0,851
	Sealed area used [1,000 m²]	59,9	59,9	59,9	59,9	↔ 0,0%	
	Near-natural area at the facility [1,000 m²]	45,6	45,6	45,6	45,6	↔ 0,0%	
	Near-natural area next to the facility [1,000 m²]	0,0	0,0	0,0	0,0	↔ 0,0%	
	Total direct output of printed products [kt]	80,43	79,41	72,36	65,78	↓ -9,1%	
	Sealed area usage indicator [m²/t]	0,745	0,755	0,828	0,911	↔ 10,0%	
Emissions	Direct CO ₂ emissions into the air (gas) * [t]	3.897	4.091	3.632	3.434	↓ -5,5%	0,387
	Direct CO ₂ emissions into the air (heating oil) * [t]		216	1.148	222	↓ -80,6%	
	Indirect CO ₂ emissions (electricity) ** [t]	495	122	66	61	↓ -8,3%	
	Direct CO ₂ equivalent emissions into the air (coolant) [t]	4	150	32	14	↓ -57,2%	
	Indirect CO ₂ emissions into the air (footprint) ***** [t]	25.407	25.054	23.089	21.979	↓ -4,8%	
	Direct output of printed products [t]	80.428	79.406	72.362	65.778	↓ -9,1%	
	Total direct emissions indicator [t/t]	0,049	0,056	0,066	0,056	↓ -16,1%	
	Direct and indirect greenhouse gas emissions indicator [t/t]	0,371	0,373	0,386	0,391	↔ 1,1%	



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The emission values for all six greenhouse gases are verified or determined for this purpose. In addition to carbon dioxide (CO₂), which makes up more than 99.5 % of the total, fluorocarbons (halogenated fluorocarbons) are converted into GWP via refrigeration systems. Sulphur hexafluoride (SF₆), for example, is present in very small quantities as an isolating gas in the switching units for transformers but is to be disregarded when considering greenhouse gas emissions.

Further, methane (CH₄; formed when organic materials are broken down under the exclusion of air) and laughing gas (nitrous oxide, N₂O; relevant to the use of fertilisers) are not formed.
The quantities arising from the combustion processes at the facilities in Meldorf and Preetz are listed under NO_x as NO₂ in these output balance sheets. Finally, nitrogen trifluoride (NF₃), e.g. in semiconductors or in the photovoltaics industry, is also irrelevant for the Eversfrank Group.

INPUT

		BY 16/17	BY 17/18	BY 18/19	BY 19/20	Diff. to LY
Raw materials [t]	Web paper	98.279,6	97.894,2	87.922,3	79.600,8	↓ -9,5%
	Web / digital printing ink	2.303,9	2.448,0	2.295,4	1.908,4	↓ -16,9%
	Coating	70,0	76,2	84,3	30,2	↓ -64,2%
	Packaging and shipping materials	712,8	711,6	559,3	660,8	↔ 18,1%
	Raw materials total	101.366,3	101.129,9	90.861,3	82.200,2	↓ -9,5%
Operating materials [t]	Isopropyl	10,7	3,4	6,7	1,0	↓ -85,7%
	Additives digital printing		4,3	19,7	20,9	↔ 6,3%
	Fountain solution additive (fountain solution)	132,2	140,2	124,7	105,6	↓ -15,3%
	Rubber cloth / drum detergent	88,4	85,5	74,1	57,1	↓ -22,9%
	Cleaning chemicals (plate cleaner, drum cleaner, developer machine cleaner)	0,4	0,6	1,4	2,6	↔ 78,6%
	Printing plates	168,0	188,8	156,9	140,6	↓ -10,4%
	Rubber cloths	3,8	5,0	4,5	2,8	↓ -36,7%
	Developer	56,2	43,5	42,4	52,1	↔ 22,8%
	Rubber coating	5,9	2,8	3,2	1,6	↓ -49,5%
	Binding adhesives	44,2	47,0	44,6	58,9	↔ 32,1%
	Lubricants	2,0	3,5	4,5	3,4	↓ -26,0%
	Fuel for company cars	32,8	49,3	44,9	33,2	↓ -25,9%
	AdBlue for company cars	0,0	0,7	0,6	0,5	↓ -25,9%
	Fuel for gas-powered fork-lifts	27,6	29,2	24,4	23,9	↔ -2,2%
	Operating materials total	572,2	603,8	552,7	504,2	↓ -8,8%
Auxiliary materials [t]	Silicone	179,1	84,5	85,0	38,1	↓ -55,1%
	Silicone oil	3,9	17,8	26,0	28,9	↔ 11,2%
	Silicone emulsion	0,1	0,7	0,9	0,9	↔ 0,0%
	Back wire	35,1	31,1	17,4	20,2	↔ 16,0%
	Adhesives	61,7	59,9	61,1	73,3	↔ 20,1%
	Auxiliary materials total	279,7	194,0	190,3	161,4	↓ -15,2%
Energy [million kWh]	Electricity	24,8	26,0	23,4	21,5	↔ -8,2%
	Gas	18,3	19,2	17,1	16,1	↔ -5,5%
	Heating oil		0,7	3,8	0,7	↓ -80,6%
	Energy total	43,1	45,9	44,3	38,4	↓ -13,3%
Water [m³]	Fresh water	31.145	31.354	27.237	25.590	↔ -6,0%
	Groundwater extraction	50.562	0	0	0	↔ 0,0%
	Water total	81.707	31.354	27.237	25.590	↔ -6,0%

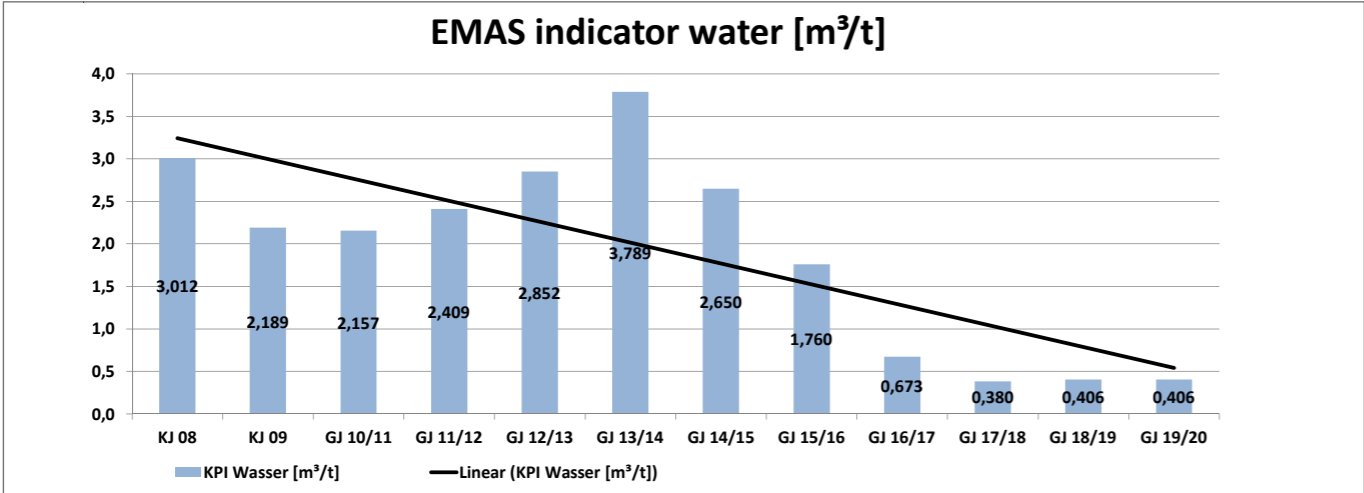
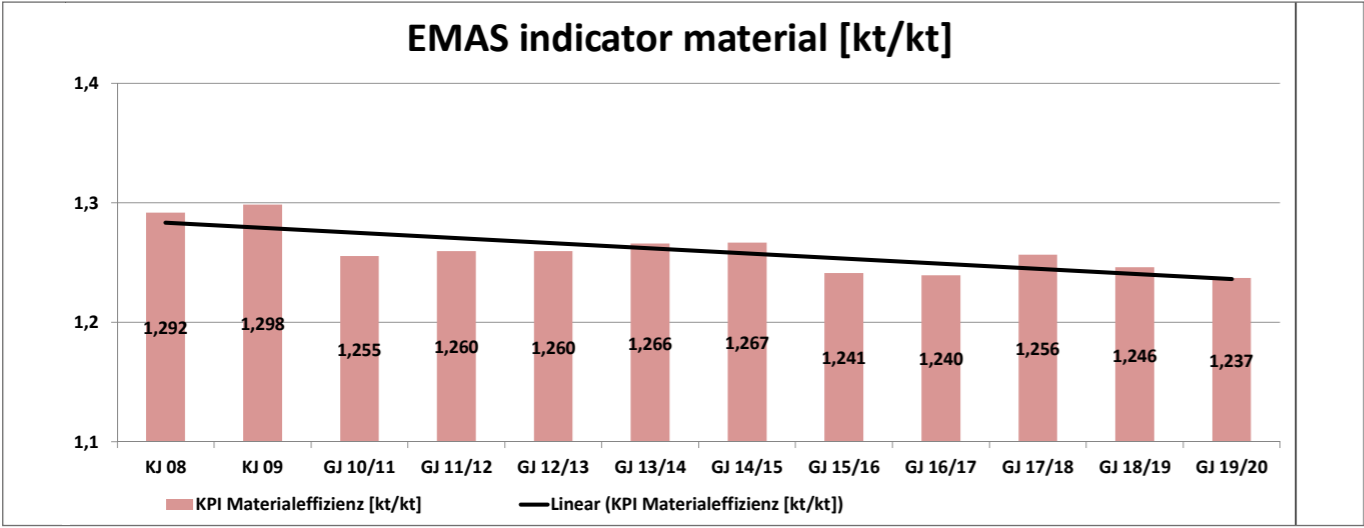
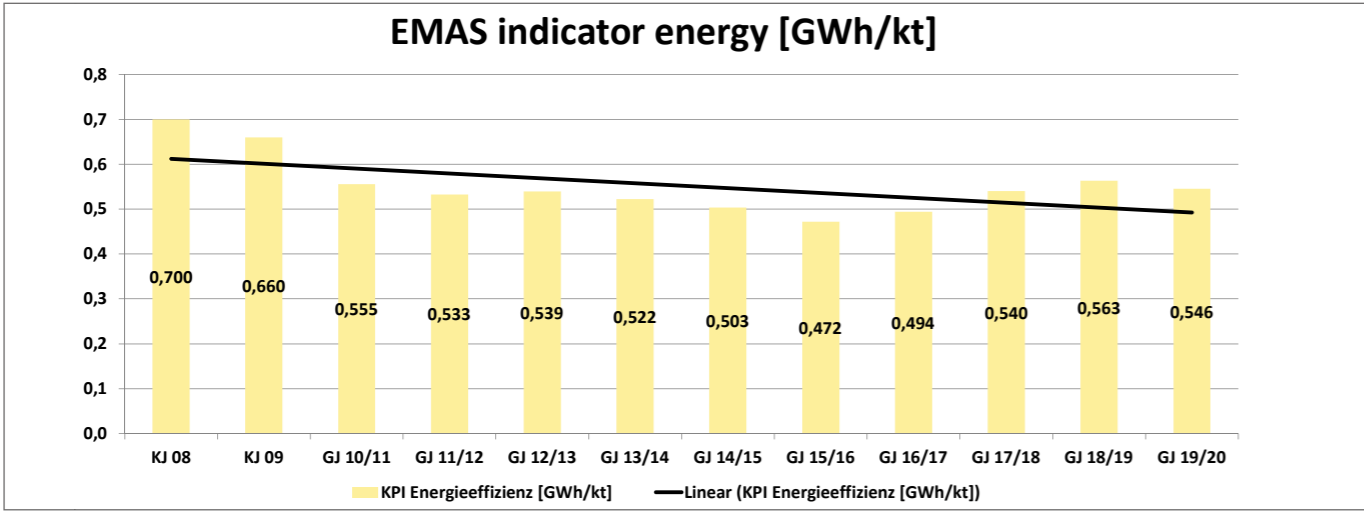
OUTPUT

		BY 16/17	BY 17/18	BY 18/19	BY 19/20	Diff. to LY
Printed products [t]	Journals, magazines, supplements, catalogues	80.427,9	79.405,5	72.362,4	65.777,7	↔ -9,1%
Waste [t]	Total volume of waste	21.165,1	21.958,4	18.750,1	16.495,0	↓ -12,0%
Non-hazardous waste for processing [t]	Paper waste	19.341,1	19.981,8	16.992,6	14.977,7	↓ -11,9%
	Cardboard	1.041,0	908,3	880,8	760,8	↓ -13,6%
	Foils (films)	22,5	27,0	18,1	39,8	↔ 120,0%
	Printing plates	159,3	173,5	156,6	120,5	↓ -23,1%
	Wood	101,6	160,6	149,7	170,6	↔ 13,9%
	Scrap metal	71,3	92,6	27,2	14,3	↓ -47,3%
	Ink residue	5,7	10,8	4,2	4,7	↔ 13,0%
	Electronic waste	0,0	0,0	0,0	0,0	↔ 0,0%
	Construction rubble			1,4	0,0	↓ -100,0%
	Non-hazardous waste for processing	20.742,4	21.354,5	18.230,6	16.088,5	↓ -11,8%
Non-hazardous waste for removal [t]	Residual waste	251,6	431,0	299,3	199,7	↓ -33,3%
	Non-hazardous waste for removal	251,6	431,0	299,3	199,7	↓ -33,3%
Hazardous waste for processing [t]	Rubber cloth detergents	113,0	121,5	141,5	135,0	↔ -4,6%
	Oil mixture	0,8	0,9	0,0	2,5	↔ 100,0%
	Offset plates and developer solutions	38,6	31,9	54,3	33,5	↓ -38,4%
	Fluorescent tubes	0,2	0,3	0,2	0,0	↓ -100,0%
	Mixture of solvents	11,0	12,6	10,3	14,1	↔ 37,4%
	Glue and adhesive waste	3,0	0,0	0,0	0,0	↔ 0,0%
	Batteries and accumulators		0,3	0,0	0,0	↔ 0,0%
	Hazardous waste for processing	166,7	167,5	206,3	185,1	↓ -10,3%
Hazardous waste for removal [t]	Barrels, canisters made from plastic	4,4	2,9	6,4	14,7	↔ 128,7%
	Barrels, canisters made from metal	0,0	2,4	0,1	0,3	↔ 250,5%
	Ink waste		0,0	7,4	6,7	↔ -9,5%
	Hazardous waste for removal	4,4	5,3	14,0	21,8	↔ 56,1%
Waste water [m³]	Indirectly introduced (social and production waste water)	16.798	10.810	17.899	14.582	↓ -18,5%
	Directly introduced (coolant)	50.562				
	Waste water total	67.360	10.810	17.899	14.582	↓ -18,5%
Emissions [t]	Indirect SO ₂)*	11,78	12,70	12,88	10,57	↓ -17,9%
	Indirect NO _x)*	22,35	23,65	21,97	19,63	↓ -10,7%
	Indirect dust)*	1,77	1,88	1,72	1,55	↓ -10,1%
	Direct CO emissions into the air ***	8,05	9,71	8,47	8,07	↔ -4,8%
	Direct NO _x emissions into the air ***	2,19	3,95	3,11	5,08	↔ 63,4%
	Total direct C emissions into the air ***	1,03	1,26	1,55	2,15	↔ 38,4%
	Direct PM emissions into the air ****	0,15	0,15	0,15	0,15	↔ 0,0%
	CO ₂ gas)*	3.897	4.091	3.632	3.434	↔ -5,5%
	CO ₂ heating oil		216	1.148	222	↓ -80,6%
	CO ₂ electricity)**	495	122	66	61	↔ -8,2%
	CO ₂ e coolants)*****	3,5	149,6	31,8	13,6	↓ -57,2%

LONGER-TERM ENVIRONMENTAL PERFORMANCE.

Presentation of longer-term environmental performance in accordance with EMAS core indicators from the last business years.

The graphic presentation of the long-term environmental performance, which includes the six EMAS core indicators, were created from the values of the Eversfrank Group. The basis for this is the validated data from the last few years from previous EMAS audits of our EMAS-certified sites. In order to obtain a correctly weighted statement for the Meldorf and Preetz sites, the validated data from the overall annual input and output balance sheets and the resulting core indicators must be fully offset accordingly. As the calculation of the core indicators is statically based on the respective consumption and output of printed products, the relevant influencing factors, such as DIN ISO 50001 (base load, performance, order type, etc.), are not included in the energy management. The developments and changes are described and explained below for the core indicators.



ENERGY

The core indicator of energy efficiency could be **improved by 22%** in the long term. By developing and building newer and bigger machines at our sites (a 64-page and an 80-page machine), as well as through the exchange of old devices, plants and peripherals (such as motors, compressors, LEDs, etc.) for new energy-efficient ones, we have managed to reduce our absolute energy consumption while also increasing our productivity levels at the same time. The highest production quantities were

achieved in the business years 15/16 and 16/17. Since then production quantities have fallen significantly. In the now completed business year, the targeted change in the machine configuration but also the influence of the coronavirus pandemic has resulted in a production decline of over 20,000 tons of paper (20%). These relatively short-term changes with the same size peripherals have a significant impact on the base load, which is why the current core indicator of the best energy efficiency year

to date has **deteriorated by 15%**. The EMAS indicator has shown an **improvement of 3%** this year compared to the previous year. Not only the base load, but also other variable influencing factors (which are taken into account in DIN EN 50001 with DIN 50006, for example) such as smaller order volumes and the associated low average performance, have the corresponding core indicator of energy efficiency.

MATERIAL EFFICIENCY

In the annual presentation, the core indicator material efficiency could be **improved by 4%** in the long term. Measures such as projects for boosting material efficiency and for increasing the machine configuration with a bigger page count for efficient production

are all behind this positive development. In previous business years, no further significant improvement could be achieved in the short term through changes to machine configurations, drops in production, smaller orders, etc. The EMAS indicator has shown

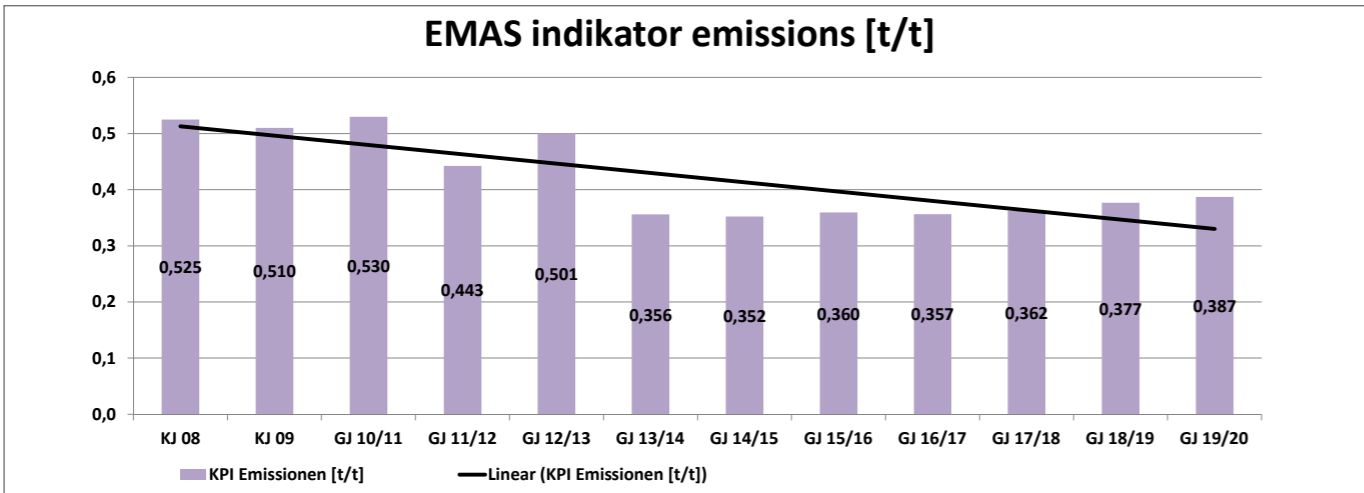
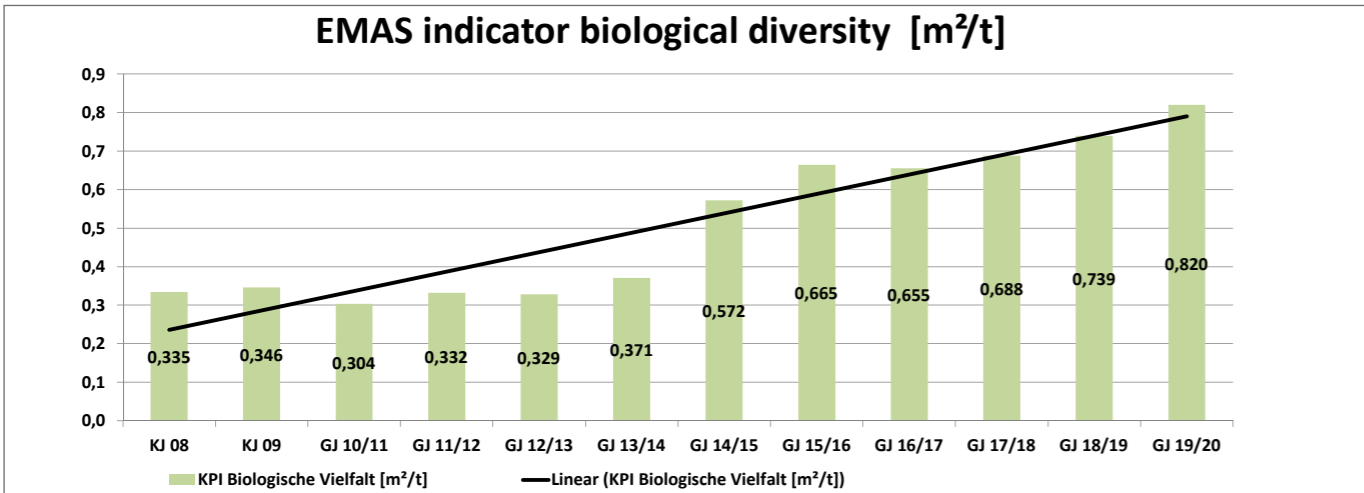
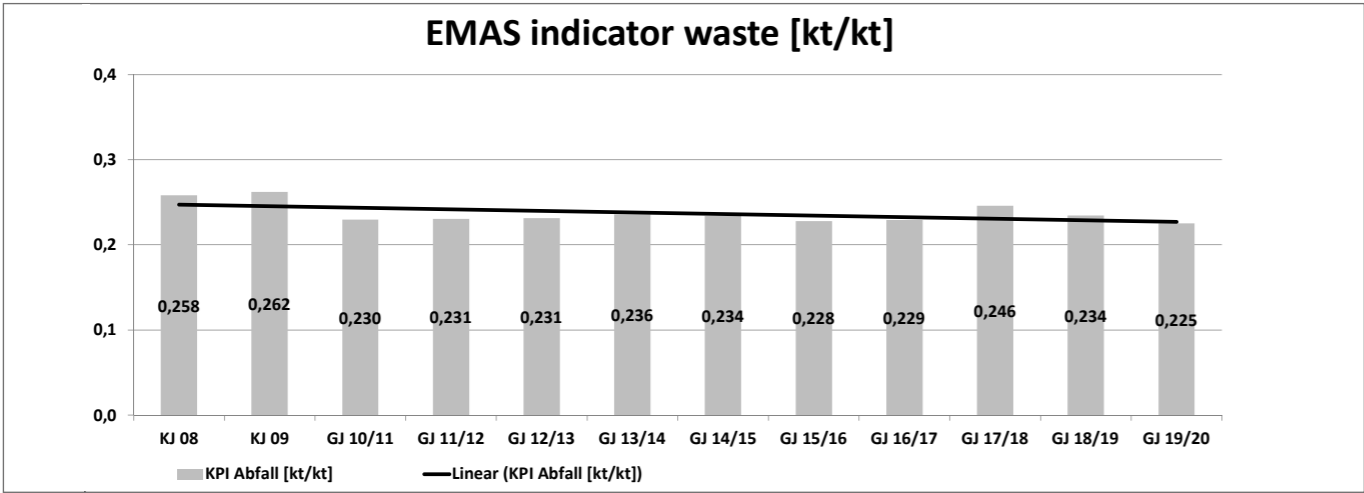
an **improvement of 0.7%** this year compared to the previous year. Paper waste has a very big influence on this. However, this cannot be the sole influencing factor, since customer and format requirements also have a corresponding effect.

WATER

In the long term, the core indicator of water could be **improved by over 85%**. The closure and prevention of well and groundwater extraction, and the replacement of cooling tower technologies has taken effect from the 16/17

business year. In the short term, after this enormous increase in efficiency, there is no further great potential and levers to improve the indicator in sight. If anything, we've experienced the opposite effect, as climate change

and hotter days have pushed evaporation cooling towers to their limits and there has been a slight trend towards increased water consumption. The current indicator is **unchanged from the previous year**.



WASTE

In the long term, the core indicator of waste has **improved by 13%**. Alongside paper waste as a major influencing factor, this indicator also covers everything from small quantities of hazardous waste, to municipal waste

and wood, metal, etc. As described in the material efficiency indicator, there is also the influence of customer and format requirements, that we cannot influence, but that we pursue through goals and continuous programmes that

focus on issues, such as waste prevention, waste reduction and waste separation. This indicator **improved by 4% in the last business year.%**

BIOLOGICAL DIVERSITY

The EMAS core indicator of biological diversity has deteriorated by a factor of 2.4 in the long term. This factor changed little between the 2008 calendar year and the 13/14 business years. As there were two changes. In the environmental statement, both we and the EMAS have switched from

built-up to sealed areas. In addition, we also have new paper warehouses thanks to the larger amount of land at each location. From the 14/15 business year, this had a significant influence on the core indicator. As already described for energy efficiency, the drop in production, which

decreased by 20% in the last business year compared to the 15 / 16 business year and the 16 / 17 business year with the highest production volumes, led to us having a **0.82m² sealed area / t output** as a weighted key figure for both output locations in the last completed financial year.

EMISSIONS

he core indicator emissions could **improve by 26%** in the long term. Many sources, which are dependent on the issues 'Energy' and 'Material efficiency' flow into this indicator. The changes to these indicators can be found in the previous sections. To explain the change is the 13/14 business year: After Fukushima, when the

reporting of CO₂ emissions sky-rocketed in the 12/13 business year, the company switched to 100% green electricity. The topic of 'climate-neutralised natural gas', as well as Scopes 1 and 2 are not taken into consideration here. We use the emission data from the GHG report from the last business year. The deterioration of the indicator in the last two

business years, was caused by the drop in production, as well as the temporary use of heating oil to generate energy and warmth. Small actions, such as exchanging old refrigeration system to combat losses with fewer coolant replacements in the future, have a smaller effect in comparison.

APPROVAL BASIS

At the sites in Meldorf (Evers-Druck GmbH) and Preetz (Frank Druck GmbH & Co. KG), systems subject to licensing in accordance with annex 2 of the 4th German Federal Immissions Control Act No. 5.1.1.1 E/C on the treatment of surfaces and the associated drying systems that are run with organic solvents.

- Among other things, the approval situation includes regular reports in the form of
- First-time and recurring measurements of plants that require approval according to Section 28 of the Federal Immissions Control Act
 - The operator's obligation to provide information in accordance with Section 31 of the Federal Immissions Control Act
 - PRTR (Pollutant Release and Transfer Register) reports
 - Ordinance of emissions declarations according to the 11th German Federal Immissions Control Act and Section 3 of the Law Implementing the Protocol on Pollutant Release and Transfer Registers
 - Ordinance on limiting emissions of volatile organic compounds when using organic solvents in certain plants in accordance with 31st German Federal Immissions Control Act
 - Ordinance on evaporative cooling systems, cooling towers and wet separators in accordance with 42nd German Federal Immissions Control Act
 - Monitoring as per IED Directive 2010/75/EU

We are not aware of any deviations in our compliance with the legal regulations. Furthermore, the Eversfrank Group (Evers & Evers GmbH & Co. KG), and all its companies, is subject to the law on energy services and other energy efficiency measures (EDL-G). This means that, as an energy-intensive company (group of companies), we have an obligation to carry out energy audits which have been accredited by the certification of energy management systems in accordance with DIN EN ISO 50001, or to obtain confirmation of an active registration from the EMAS registration office. Both systems have been installed in compliance with DIN EN ISO 50001 and the EMAS at our sites in Preetz and Meldorf.

STATEMENT FROM THE ENVIRONMENTAL EXPERTS
ON THEIR ASSESSMENT AND VALIDATION TASKS

The signatory for the environmental consultancy organisation KPMG Cert GmbH, registration number DE-V-0328, Georg Hartmann, EMAS environmental expert with the registration number DE-V-0245, accredited or approved for the field 'Manufacturing printed products' (NACE code 18.1), 'Pre-print and pre-media' (NACE code 18.13), 'Binding printed products and associated services' (NACE code 18.14.0), 'Repairing machines' (NACE code 33.12), 'Haulage' (NACE code 59.29.1) and 'Managing and leading companies and businesses' (NACE code 70.1), confirms that he has investigated whether the site or the entire organisation Evers & Evers GmbH & Co. KG, with sites in Meldorf and Preetz with the registration number DE-124-00013, meets all the requirements of Regulation (EC) No. 1221/2009 of the European Parliament and of the Council of 25 November 2009 on the voluntary participation by organisations in a Community eco-management and audit scheme (EMAS) in conjunction with Regulation (EU) No. 2017/1505 and Regulation (EU) No. 2018/2026.

The signature on this declaration confirms that:

- The assessment and validation were carried out in full compliance with the requirements of Regulation (EC) No. 1221/2009 in conjunction with Regulation (EU) No. 2017/1505 and Regulation (EU) No. 2018/2026
- The result of the assessment and validation confirms that there is no evidence of non-compliance with the valid environmental regulations
- The data and information in the environmental statement of Evers & Evers GmbH & Co, with sites in Meldorf and Preetz, gives a reliable, credible and truthful picture of all activities performed by Evers & Evers GmbH & Co, with sites in Meldorf and Preetz, within the fields indicated in the environmental statement

This statement does not equate to an EMAS registration. The EMAS registration can only be carried out by a competent office in accordance with Regulation (EC) No. 1221/2009 in conjunction with Regulation (EU) No. 2017/1505 and Regulation (EU) No. 2018/2026. This statement may not be used as an independent basis for informing the public.

Meldorf, Cologne, 27th November 2020



Georg Hartmann
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IMPRINT

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www.evers-reforest.com



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