



environmental statement

2022 for
the year
2021

Dirk Van der Poorten
managing director



© Mathieu Wouters

Filip Van Wezemaal
co-director &
sustainability manager

foreword

We are a 100% climate-neutral offset printing company. This means that the printed products we produce have zero impact on the environment. Primarily leaflets, magazines, brochures and books roll off our printing presses, all with short turnaround times. We are a one-stop shop, handling all necessary steps.

We not only ensure that our production process and delivery are carried out with no additional environmental footprint, but compensate for the raw materials we use too. Only then can we display the CO₂-neutral logo (certified by Vinçotte) in all our printed products (at no additional cost to the customer).

This footprint is calculated every year. Of course we're always striving to minimise this. We have been working to achieve 100% climate-neutral printed products for eight years now! This was long before climate-neutral production became a popular concept. In this way, we aim not only to relieve readers of their feelings of guilt about reading on paper, but also to set an example for other companies. The graphic industry has a poor image when it comes to the environment, totally unjustifiably, but the good example we set could serve as inspiration.

A couple of years ago, the 'VZW Leuven 2030' named us a 'hero' for our environmental efforts. In 2020 we were awarded the title 'Climate Ambassador'. Obtaining an ISO 14001 certificate and EMAS registration is the logical next step for us.

Happy reading, hopefully on paper 😊!

The Management

02/02/2022



Filip Van Wezemael



Filip Van Wezemael

contents

The background of the slide features a series of overlapping, curved, organic shapes in various shades of brown, tan, and beige. These shapes create a sense of depth and movement, resembling stylized waves or layers of a landscape. The lighting is soft, with some areas appearing brighter than others, giving the composition a three-dimensional feel.

01

INTRODUCTION

about us	7
our products and services	8
our core values	9
at a glance	10
our vision	12
our strategy	12
audit	13

02

PARTNERS

management	16
employees	16
subcontractors	17
customers	17
society	17

03

ENVIRONMENTAL POLICY

environmental policy	19
environmental	
management system	20
key environmental aspects	22

04

OBJECTIVES

objectives	23
sustainable	
development goals	25
objectives relative to	
paper consumption	28
raw materials	29
energy	29
mobility	30
water	32
emissions	33
waste	34
noise	36
soil & biodiversity	36

05

LOOKING AHEAD

the future - looking ahead	38
----------------------------	----



A MODEST BEGINNING

The story of printing company Van der Poorten starts in 1949. It is a modest beginning in the heart of the city of Leuven, in Frans Van der Poorten's basement kitchen. He installed his newly purchased very first hand press here. There was no way of knowing where that investment might lead at the time. Until the first printing projects began to roll in and it quickly became clear that customers were pleased with the results. It wasn't long before the hand press was operating at full capacity.

A CUSTOMER-FOCUSED FORMULA

A couple of years later, in 1952, Frans Van der Poorten moved, along with his printworks, to Leuvensestraat in Kessel-Lo. The advantage of this location was that customers could now place their orders directly, in the shop attached to the printing company. This formula was successful. The print orders steadily increased. Over time, Frans Van der Poorten began to realise that he needed more workspace.

RAPID GROWTH

In 1956, printing company Van der Poorten moved to buildings on the Diestsesteenweg in Kessel-Lo. It wasn't until this point that growth began to get into cruising speed. More and more organisations and businesses were confiding their print orders to

this company. Van der Poorten became an established name in the region. A professional partner to be relied on for high-quality printed products and personalised advice.

DRIVEN BY PASSION AND INNOVATION

In the early 1990s, a new business premises was constructed on the Diestsesteenweg. New state-of-the-art colour printing presses were purchased. Today, printing company Van der Poorten has evolved to become an SME with more than 40 employees. By continuously investing in the most advanced equipment, it has undergone a huge transformation over the past 73 years. But the spirit of its founding father, Frans Van der Poorten, lives on. Because the printing company is still managing to make a difference today, through its innovative mindset and passion for paper.

THE ENVIRONMENT IS CLOSE TO OUR HEART

Sustainable development is an important element of the business strategy. Through a proactive environmental policy, development of new products and innovative services, emission reductions and ecologically responsible printing, they have been able to significantly reduce our ecological footprint. They aim to inspire other businesses in the region while working towards a climate-neutral future themselves.

our products and services

Over the years,
Drukkerij Van der Poorten
has developed not just
expertise but true mastery
in a range of areas. Whether
we are printing your books,
magazines, brochures, annual
reports, leaflets, mail-outs,
Christmas cards, business
cards, posters or other media,
our team will always offer you
expert and personalised advice.

Over the years, our area of
expertise, periodic publications,
has made us a market leader.

SPECIALISED IN PERIODIC PUBLICATIONS

Our printing company has grown over the years, and not just in terms of size and turnover. We have also begun to specialise more and more in a number of particular domains. One of these is periodic publications. We know everything there is to know about the creation and production process for magazines, trade journals and newsletters.

SAY IT WITH A MAGAZINE

The magazine medium has enjoyed increasing popularity over recent years. After all, a magazine has the major advantage that you can offer your reader information in an engaging way, and add interest to your text with images and catchy quotes. More and more organisations are choosing to communicate with their target group via magazines. Drukkerij Van der Poorten are specialists in this field.

FROM A TO Z

We offer high-quality printed products, that needs no explanation. But we can help with the full creative process too. That means the design, layout, finishing (folding, stapling, binding, packing etc.) and the shipping. We can handle it all.

A MAGAZINE THAT HITS THE MARK

If publishing a magazine appeals to you but you're still not sure where to start, you'll be glad to hear that the Van der Poorten team are on hand to share all their expertise and professional knowledge with you. So your organisation can send a magazine that hits the mark out into the world.

our core values



SUSTAINABILITY

Nature is a precious gift that needs to be cherished. That's something we're completely convinced of at printing company Van der Poorten. This is clear in our sustainable purchasing policy as well as our proactive environmental policy. If you're still wondering whether a printing company can really be climate neutral, we are the living proof!



RELIABILITY

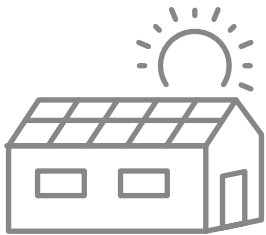
Do you expect your printed products to meet a set of quality criteria without having to specify this explicitly as a customer? In other words, do you assume that your contact person at the printing company will share their specialised knowledge with you, so that you can choose the best value printed products? Then you are in the right place with us.



COOPERATION

Building sustainable relationships is part of Van der Poorten's DNA. Whether it's relationships with customers, suppliers, employees or other stakeholders, the printing company chooses cooperations with a long-term vision. We like to call them partnerships. Because for a partner you're always willing to go this one step further and strive for the best of the best...

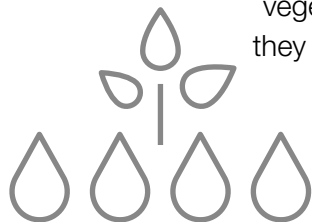
our company at a glance



1 396

SOLAR PANELS

In 2011 we took an important step towards use of renewable energy with the installation of 1396 photovoltaic solar cells on the roof of our printworks.



100%

ORGANIC INKS

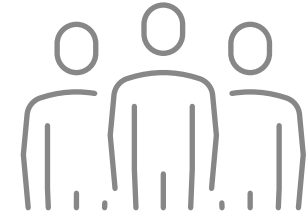
We opt for 100% organic inks for all our printing. These organic inks are vegetable based. This means that they break down faster than classic mineral (or oil-based) inks.



100%

CLIMATE NEUTRAL

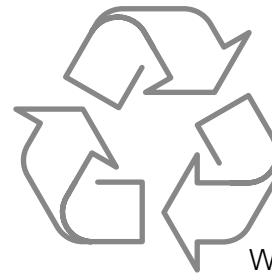
Since October 2015, our printed products have been 100% climate neutral, in accordance with the PAS 2060 standard for CO₂ neutrality. This applies to all our printed products. Our objective is to reduce our need to compensate for CO₂ emissions, whilst still remaining CO₂ neutral.



35

EMPLOYEES

Our close team has an open and flexible approach to the customer, in terms of price, quality and turnaround.



CIRCULAR ECONOMY

We are working towards a thorough waste policy. In this context, it is not only important that materials are sorted carefully (e.g. paper and aluminium plates), but also that they retain their high quality throughout the cycle.



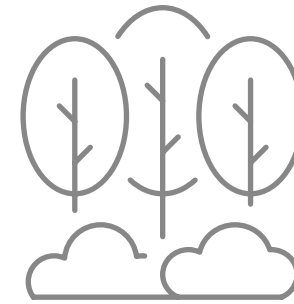
ENVIRONMENTALLY FRIENDLY CARS

In 2016, we purchased a CNG company car. In 2021, two company cars were replaced with plug-in hybrids.



10 SDGS

We achieved at least 10 goals in 2021.



5 000 m² NATURE-FOCUSED AREA

We have drawn up a sustainable future vision for all green zones within our company site. This covers biodiversity, soil infiltration, carbon buffering and more.



13 LEASE-A-BIKE CONTRACTS

In 2021, 13 employees signed a 36-month contract to lease a bike. Along with the existing cycling allowance, this really boosted the number of kilometres cycled.



MIK CLIMATE AMBASSADOR

Thanks to our ecological efforts, at the beginning of 2021 we were selected as 'MiK Climate Ambassador' for the province of Flemish Brabant.

our company
at a glance



our vision

WHAT ARE OUR OBJECTIVES?

Sustainability, reliability and cooperation are our core values.

Sustainability is one of these three values and is therefore woven into our DNA.

We strive for a permanent reduction in our impact on the environment every day.

We aim to be a reliable partner that you will wish to cooperate with in the long term. This is why we make sustainability, along with reliability, a high priority.

We continue to support this sustainability every day.

our strategy



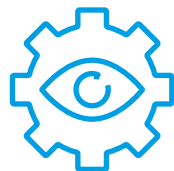
OUR APPROACH

Vegetable-based inks, circular economy for paper waste and aluminium printing plates, efficient use of raw materials, a roof covered in solar panels since 2011 and the choice to use 100% green energy as supplement are great examples of our approach.

On top of this, all our printed products have been 100% climate neutral since 2015. We take our ecological footprint into account in every decision we make.

We strongly encourage our employees to commute by bike. We offer the maximum permitted cycling allowance for this.

We strive every day to achieve a reduction in our climate impact.



audit

GUARANTEE ON OUR COMMITMENTS

The investment in environmentally friendly applications, such as relighting in the paper warehouse and the installation of energy-friendly compressors, and the purchase of our first digital printing press, which is more ecological for the production of small print runs, are a couple of examples.

In terms of circular economy, we can provide two examples: recycling of all our high-quality paper waste, which still has seven lives (source: twosides) and the use of aluminium printing plates that can be recast to make new printing plates an unlimited number of times. We only pay the production costs for these plates, thanks to the circular economy.

The indicators in relation to legislation and regulations are positive: in 2021 there were no charges made, no emission limits were exceeded, no environmental complaints were made and there were no environmental incidents.

A compliance audit was carried out by an external consultant on 21 September 2021. This audit did not identify any major shortcomings and new legislation is being observed through the Federation of the Belgian Graphic Industry, Febelgra. The most significant changes to environmental legislation that have an impact on printing company Van der Poorten aim to facilitate better, separated waste collection at companies (including high levies on residual waste, adjusted Valipac premiums for certain types of packaging waste, checks on waste streams by a collector, dealer or broker (IHM), separated collection of organic waste (GFT) from 2023 etc.)

The current environmental permit with reference number D/PMVC/03A23/38358, dated 5 June 2003, runs to 5 June 2023. This permit is being complied with, including the specific conditions that were set. Preparations are currently under way to obtain a permanent environmental permit.

In 2010 our Class 1 permit automatically evolved to Class II, due to relaxations in Section 11 relating to installed capacity. There were no government inspections in 2021 and there are no open actions in connection with previous government inspections.

Considering the timing of the first external ISO and EMAS audit, this first environmental statement was prepared in February 2022. This means that various figures and indicators are not yet available or up to date. We therefore propose to prepare the next updated statement by October 2023 and the next complete environmental statement by October 2025.

Validatieverklaring

Communautair Milieubeheer- en Milieuauditsysteem (EMAS)

VINÇOTTE nv

Jan Olieslagerslaan 35, 1800 Vilvoorde, België

Op basis van de audit van de organisatie, bezoeken aan zijn site, interviews met zijn medewerkers, en het onderzoek van de documentatie, de gegevens en de informatie, gedocumenteerd in het verificatierapport nr. **61027916**, verklaart VINÇOTTE nv, in zijn hoedanigheid van EMAS-milieuverificateur met registratienummer BE-V-0016 geaccrediteerd met als reikwijdte 1, 10, 11, 13, 16, 18, 19, 20 (excl. 20.51), 21, 22, 23, 24, 25, 26, 27, 28, 29, 30.2, 30.9, 31, 32, 33, 35, 36, 37, 38, 39, 41, 42, 43, 45, 46, 47, 49, 50, 52, 53, 55, 56, 58, 59, 60, 62, 63, 70, 72, 71, 73, 74, 79, 80, 81, 82, 84, 85, 86, 87, 88, 90, 93, 94, 95, 96, 99 (NACE-code) dat hij heeft geverifieerd of de hele organisatie, zoals vermeld in de milieuverklaring 2022 van de organisatie

Van Der Poorten N.V

gelegen te

**Diestsesteenweg 624
3010 Kessel-Lo
België**

en gebruikt voor:

Het prepressen, drukken, afwerken en leveren van magazines, boeken, catalogi, jaarverslagen en brochures.

Voldoet aan alle eisen van de Verordening (EG) Nr. 1221/2009 van het Europees Parlement en de Raad van 25 november 2009 inzake vrijwillige deelneming van organisaties aan een communautair milieubeheer- en milieuauditsysteem (EMAS), zoals gewijzigd door de Verordeningen (EU) 2017/1505 en (EU) 2018/2026.

Met ondertekening van deze verklaring verklaar ik dat:

- de verificatie en validering volledig overeenkomstig de voorschriften van Verordening (EG) nr. 1221/2009, gewijzigd door de Verordeningen (EU) 2017/1505 en (EU) 2018/2026, zijn uitgevoerd;
- uit het resultaat van de verificatie en validering blijkt dat er geen aanwijzingen zijn dat niet aan de toepasselijke wettelijke milieuvoorschriften is voldaan;
- de gegevens en informatie van de **milieuverklaring 2022** van de **organisatie**. Een betrouwbaar, geloofwaardig en juist beeld geven van alle activiteiten van de **organisatie** binnen de in de milieuverklaring vermelde reikwijdte.

Dit document geldt niet als EMAS-registratie. In overeenstemming met Verordening (EG) nr. 1221/2009, gewijzigd door de Verordeningen (EU) 2017/1505 en (EU) 2018/2026, mag alleen een bevoegde instelling een EMAS-registratie toekennen. Dit document wordt niet gebruikt als een voor het publiek bestemd onafhankelijk informatie-element.

Nummer van de verklaring: **22 EA 113**
Uitgereikt op: **2 mei 2022**



Namens de milieuverificateur:

Eric Louys
Voorzitter Certificatiecommissie



CERTIFICATE

EN ISO 14001 : 2015 Environmental Management System

VINÇOTTE nv

Jan Olieslagerslaan 35, 1800 Vilvoorde, Belgium

This is to certify that **Van Der Poorten N.V.**

Located at

**Diestsesteenweg 624
3010 Kessel-Lo
Belgium**

has established and maintains an environmental system according to the requirements of EN ISO 14001 : 2015 "Environmental Management System" for:

The layout, the printing, the finishing and the delivery of magazines, books, catalogues and brochures.

This certificate is based on the result of an environmental audit documented in the audit report **61027916**.

Certificate number: **22 EMS 1214**
Valid from **2 May 2022** to **1 May 2025**

Further clarifications regarding the scope of this certificate and the applicability of EN ISO 14001 : 2015 requirements may be obtained by consulting the organization.

This certificate is granted during the Certification Commission of 2 May 2022 and is subject to the General Regulations of VINÇOTTE nv.



Signed for the certification body:

Eric Louys
Chairman Certification Committee





MANAGEMENT

The management team sets a sustainable course.

TEAM MEMBERS

Dirk Van der Poorten

managing director and general director

Jeroen Van der Poorten

HR director

Filip Van Wezemaal

co-director and sustainability manager

EMPLOYEES

We have a team of 35 flexible and driven employees. They work hard every day to combine business results with corporate social responsibility. They each play their part within their own area to ensure an environmentally conscious way of working.

A Sustainability Working Group was set up in early 2022, to educate employees on compliance with all the objectives required in order to obtain the ISO 14001/EMAS standard.



OBJECTIVES FOR 2022

Our employees are working hard to reduce the waste flow and reduce energy consumption. The Sustainability Working Group is also working to meet the objectives required for the ISO 14001/EMAS standard.

SUBCONTRACTORS

By entering into a cooperation with printing company Van der Poorten, suppliers, service providers and subcontractors pledge to respect and adhere to our sustainable principles.

We encourage and support them in preventing and reducing the negative environmental impacts of their activities and products.

CUSTOMERS

Sustainability and social entrepreneurship have become part of our identity. As a pioneering printing company, we wish to distinguish ourselves in this area.

Providing our customers with clear communication about this is of crucial importance. This encourages our customers to take their own sustainable measures and achieve the climate goals.

We provide them with certificates stating the CO₂ that they have saved by ordering their printed products from us. This makes them fully aware of the impact of their choice.

SOCIETY

We are already making wide-reaching efforts to reduce our CO₂ emissions. We compensate for the remaining CO₂ emissions by supporting climate projects in third-world countries. Thanks to the CO₂-Neutral® label from CO₂logic, we are a climate-neutral company.



(Source: CO₂logic)



By supporting climate projects, we choose to take responsibility for the actual impact of our remaining CO₂ emissions instead of passing this on to society as a whole.

We are currently making concrete investments in the distribution and use of F3PA efficient wood-burning stoves in Burkina Faso. We had previously invested in a similar project in Kenya.

In Eritrea we support 'The Water Project'. A large proportion of the population have no access to drinking water and the only way to make water drinkable is to boil it. This is still carried out over an open fire, which causes deforestation and extra CO₂ emissions. Our support allows safe wells that produce drinking water to be drilled. This prevents an enormous environmental impact.



OUR ENVIRONMENTAL POLICY

We keep the environment close at heart. That's why sustainable development is one of the three core values we implement every day:

- Reliability (internally and externally)
- Sustainability
- Cooperation (internally and externally)

We commit to:

- Meet all the applicable legal and other requirements that the organisation subscribes to and that relate to the environmental aspects of our business;
- Create a framework to continuously set, evaluate and improve our environmental objectives and tasks;
- Ensure continuous improvement and prevent environmental contamination.

Through a proactive environmental policy, the development of new products and innovative services, emission reductions and ecologically responsible printing, we aim to significantly reduce our ecological footprint. Always taking into account the context within which our organisation operates, such as recent market and technological developments and the requirements of our customers and other relevant stakeholders.

This translates into the following concrete policies:

- Annual calculation, reduction and compensation of our organisation's CO₂ footprint;
- Offering CO₂-neutral printed products, in accordance with the PAS 2060 standard, for all our customers;
- The use of FSC and PEFC certified paper
- The development, implementation and improvement of an environmental-management system in accordance with the requirements of ISO4001:2015 and EMAS.

We engage in providing the necessary resources and implementing this policy together with our employees.

We are convinced that this policy not only contributes to sustainable development but also offers a competitive advantage for the company itself.

The Management

02/02/2022



Willem van der Boven



Geert van der Boven



Filip van der Boven

OUR ENVIRONMENTAL MANAGEMENT SYSTEM (EMS)

Even before the implementation of the environmental-management system, we had a proactive environmental policy, including the development of new products and innovative services, the reduction of emissions and ecologically responsible printed products.

Our customers, suppliers and employees have already been aware of our environmental policy for some time, thanks to our achievement of various certificates and awards, including FSC/PEFC, CO₂-neutral, Climate Ambassador etc., and our communication around these achievements. We believe that ISO 14001/EMAS certification, will allow us to confirm this and strive to further improve our environmental results.

Our environmental-management system is applicable to all the company's activities and has been drawn up based on the ISO 14001:2015 and EMAS requirements. It establishes the responsibilities, objectives, resources, environmental actions, development and training requirements as well as the communication to be provided. Periodic evaluations through internal and external audits, compliance with new legislation, performance monitoring and Management evaluations monitor conformity with the standard requirements and identify measures to continuously improve our environmental management system.

It also allows us to change the culture of the company and its employees. This means we are able to continue to reduce our ecological footprint year after year.

An initial environmental analysis was carried out at the time of the introduction of the ISO14001 / EMAS environmental-management system, based on the life-cycle perspective. This analysis covered activities including: raw materials, transport and storage, the printing process, packaging and end of lifespan. For each activity, the environmental aspects and effects were mapped per theme. These were then analysed before and after the existing mitigating measures. Finally, additional measures were identified.

Under the heading 'Previously achieved objectives', we provide an overview per activity of the measures that have been implemented.

The environmental-management system relates to all activities, such as the layout, purchasing of raw materials, printing, finishing of the printed products, shipping and acquisition of new orders, in the buildings and on the site of the printworks.



After a tense battle with six other sustainable businesses, at the beginning of 2021 we were named MiK Climate Ambassador 2020. We share this sustainable message with customers and stakeholders. Our Director, Filip Van Wezemaal, considers it his personal mission to demonstrate that ecological and economic interests can go hand in hand.

Through our choices, we show that printing – often seen as environmentally unfriendly – can actually become something sustainable. This benefits not just our sector – we remain a commercial business – but most importantly the climate. The fact that this combination works is the greatest motivation for us to continue down this route and to prepare the business to remain a trendsetting company for the next three generations at least.



OUR KEY ENVIRONMENTAL ASPECTS

An initial environmental analysis was carried out at the time of the introduction of the ISO14001 / EMAS environmental-management system, based on the life-cycle perspective. The activities analysed included:

- Raw materials;
- Energy;
- Emissions;
- Waste;
- Mobility;
- Water consumption.

For each activity, the environmental aspects and effects were mapped per theme. These were then analysed before and after the existing mitigating measures. Finally, additional measures were identified.

The most important environmental aspects, in addition to the measures already taken, are:

1. Energy consumption of the machines (electricity) and buildings (natural gas);
2. Water consumption by the air humidification system and the wastewater (primarily rinsing water);
3. Material consumption (primarily paper and inks).



OUR OBJECTIVES

Printing company Van der Poorten has a multi-year environmental plan for 2021-2025. Objectives with associated action plans were drawn up for each environmental theme. In line with the context and environmental analysis, most measures were identified within the themes of general environmental policy, energy and raw materials and excipients.

General environmental policy

Drawing up a compliance register for the applicable environmental legislation.

- Annual compliance audit with regard to current environmental legislation
- Timely preparation and submitting of environmental reports
- Achievement of ISO14001 certification & EMAS registration
- Addressing sustainability (environment, wellbeing etc.) more often in internal and external communication
- Renewal of the 'milieuvergunning' environmental permit and application for an 'omgevingsvergunning' environmental permit

Energy

- Achieving 'CO₂-neutral' certification and reducing our CO₂ footprint on the basis of the audit results.
- The implementation and promotion of a bike-lease programme for employees

- Monitoring the electricity generation and consumption of solar panels, investigating the good use of surplus electricity (e.g. batteries)
- Installation of a new, energy-efficient boiler
- Requesting and analysis of the quarter hourly values for electricity and daily consumption of natural gas
- Purchase of electric company cars and lorries, checking of economic feasibility
- Checking of economic feasibility of new, additional charging points
- Monitoring of gas and electricity consumption

Water

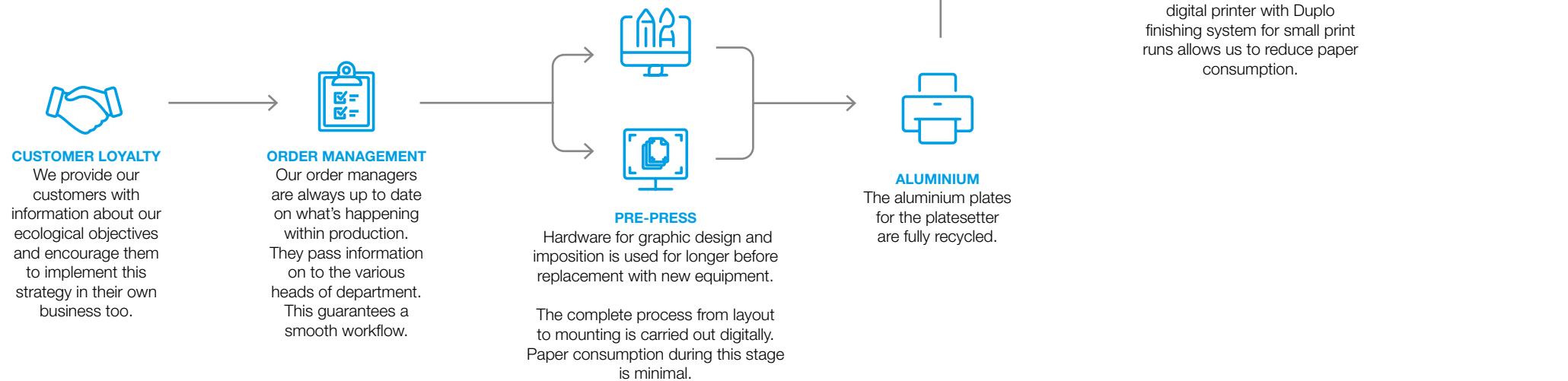
- Better monitoring of consumption through installation of additional water meters

Raw materials and consumables

- Retaining FSC / PEFC certificates
- Encouraging customers to purchase more environmentally friendly (uncoated) paper

Through green innovations and committed ecological engagement, we profile ourselves as a progressive ecological printing company.

From pre-press and printing to finishing and delivery or shipping. In every facet of our business, we strive to reduce our ecological footprint wherever possible. Various actions have already been taken in this context over the years.



FINISHING

The Albyco folding machine combines folding, creasing and hole punching. Combining these actions means fewer make-ready sheets are required.



The most efficient workflow is drawn up, through a smart organisation and consultation with the head of department.

finishing with staples



finishing with glued spine



SHIPPING

We have been promoting the use of ecological organic film for the shipping of magazines for many years now. In 2022 we made the transition to shipping under paper wrapping.



DELIVERY

Deliveries are carried out by our own drivers wherever possible. All ecological aspects are taken into account when planning their routes. This allows us to drastically reduce the number of kilometres driven.



SUSTAINABLE DEVELOPMENT GOALS

The 17 Sustainable Development Goals were adopted in September 2015, during a historic summit of the United Nations. They offer us the opportunity to take action at all levels: to end poverty and combat inequality and climate change at the same time.

Because we understand that sustainability is about more than just environmental aspects, we always take the proposed SDGs into consideration in every process at our company.

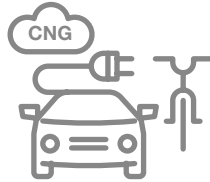
OBJECTIVES



GREEN ENERGY

A roof covered in solar panels provides our printworks with a large proportion of its energy. The remaining electricity consumed is also from renewable resources.

A new energy-efficient air compressor and a new heating installation entered into use in 2021.



MOBILITY

In 2016, we purchased a company car that runs on CNG. In 2021, two company vehicles were replaced with plug-in hybrids.

The Lease-a-bike programme was launched, through which employees can lease a bike under attractive conditions, and are encouraged to travel to work by bike. As a result, 38% of employees regularly travel to work by bike.

In 2021, teleworking was introduced in response to the Covid-19 crisis. This reduced the number of commuting journeys made.



CO₂ EMISSIONS

Since 2015, our entire creation process, pre-press, printing, finishing and delivery of magazines, books, catalogues, annual reports and brochures has been 100% climate neutral, calculated and certified in accordance with the PAS 2060 standard from the CO₂logic-Vinçotte label.

This involved calculation of direct and indirect (scope 1, 2 and 3) CO₂ emissions and suggestions for improvement. The remaining CO₂ emissions and climate impact are compensated for, in order to achieve 100% climate neutrality. In 2021, we supported the Gold Standard project by the Association Tiipaalga through the provision of efficient cooking stoves in Burkina Faso.



WATER

Thanks to the closed washing installations and rinsing systems, hardly any commercial waste water is discharged. Only sanitary waste water and the flushing water from the air humidification are discharged.



CONSUMPTION OF RAW MATERIALS

More printed products with less paper

We strive every day to achieve a permanent reduction in our climate impact by making even more efficient use of our basic raw materials (paper, ink and printing plates).

The paper waste relative to the quantity of paper consumed has therefore been reduced from 37% to 28%. This is the very positive result of recent investments and training. The investments that contributed to this include:

- Air humidification for our paper stock;
- Purchase of a digital press and digital printing of small print runs instead of start-up of large offset machines;

- Providing employees with information and training on material use;
- Optimisation of the production parameters;
- Generation of set-up waste when setting up machines.

Environmentally friendly paper

We strive for paper consumption with minimal environmental impact. The quantity of uncoated wood-free paper has therefore increased by 4%, while consumption of coated paper is falling.

Our company has also been FSC / PEFC certified since 2011, by Control Union Certifications. During the latest audit on 27 January 2021, the existing non-conformities were closed and no non-conformities were identified.

Environmentally friendly printing process

Our inks are vegetable-based, compostable and biodegradable. The raw materials for our inks include only vegetable oils like linseed oil and soy oil. The adhesives used contain only raw materials based on renewable sources.

We also only use “Energy Elite Eco” offset printing plates with reduced (or no) use of developers, regeneration, water and waste as a result. Through the reuse of these offset printing plates, we contribute to the circular economy.

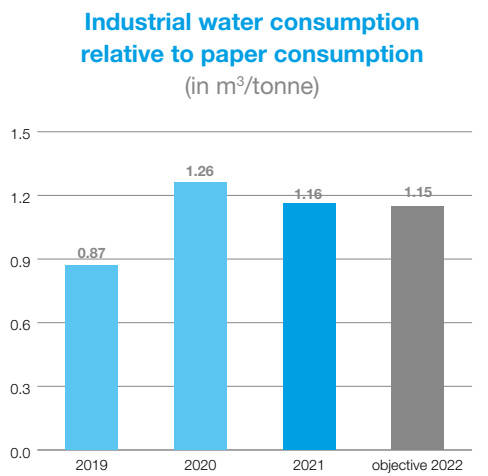
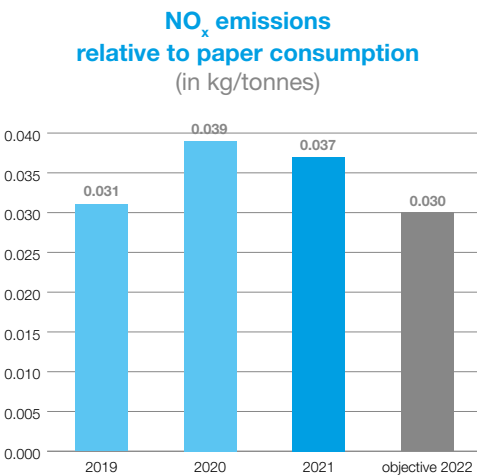
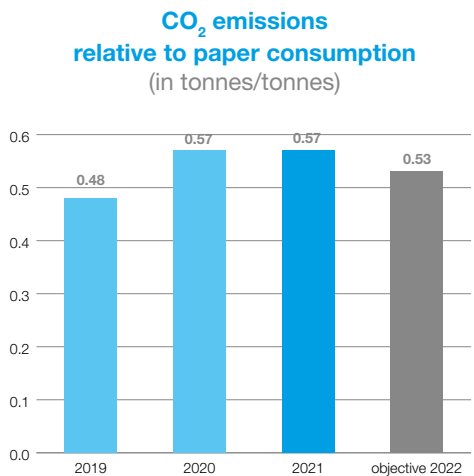
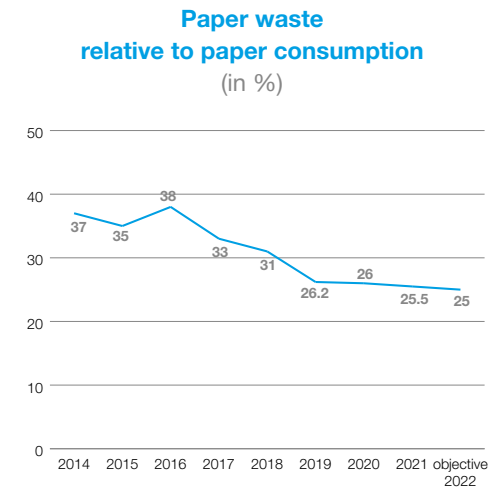
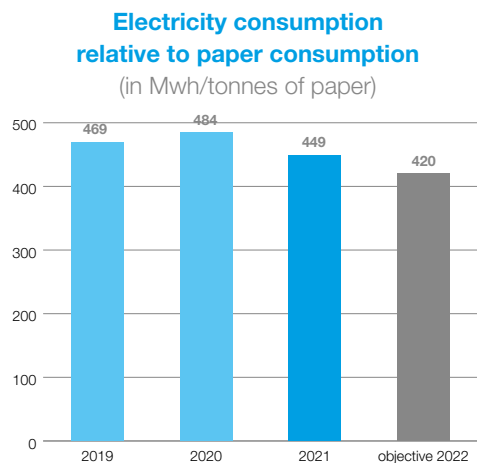
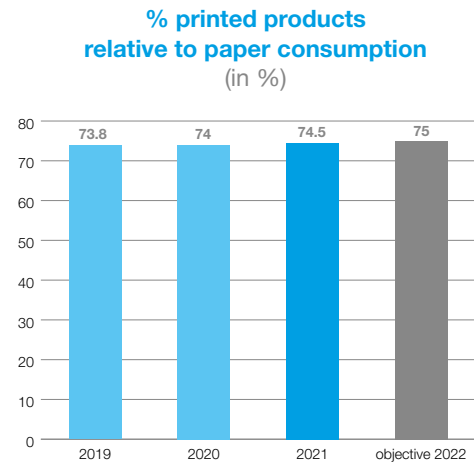
Ecological packaging

The environmental impact of the packaging of printed products can be reduced, thanks to measures including:

- Reusable pallets;
- Boxes made from recycled fibres;
- Biodegradable and compostable film for individual packaging, made using starch-based raw materials.

OUR OBJECTIVES RELATIVE TO PAPER CONSUMPTION

The Key Performance Indicators (KPIs) are the indicators that we wish to monitor and the ratios that we aim to optimise. We express these in relation to the paper consumption.





RAW MATERIALS

PAPER

Consumption

The chart below shows the paper consumption since 2014. This consumption of course evolves along with our turnover.

FSC and PEFC-certified paper

We stimulate the use of paper from sustainably managed forests.



ENERGY

GAS

Consumption

The total consumption of gas is displayed in the chart below. This remains fairly stable.

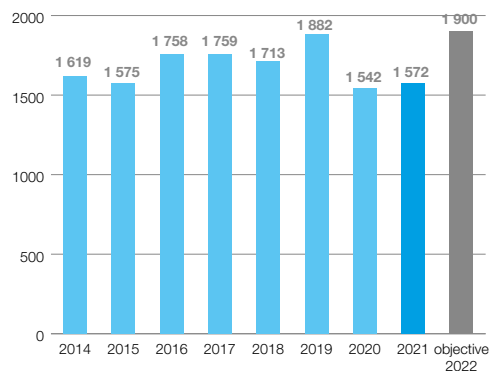


ELECTRICITY

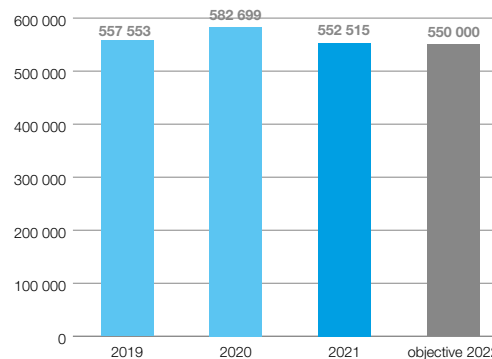
Consumption

The total electricity consumption has continued to fall over recent years. In 2022, we made the switch to LED lighting. All lamps and fittings were replaced. A third of the electricity is produced by the solar panels.

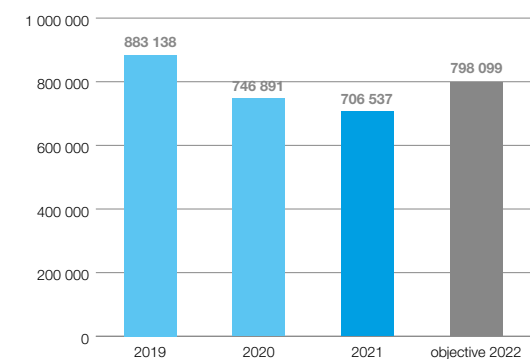
Paper consumption
(In tonnes)



Natural gas consumption
(in kWh)



Total electricity consumption
(purchase and consumption from solar panels)
(in kWh)





MOBILITY

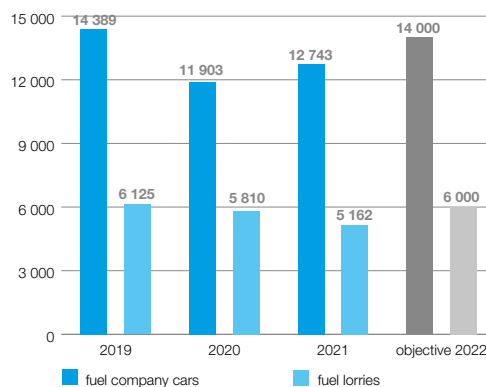
LOGISTICS & COMMERCIAL

Deliveries are carried out by our own drivers wherever possible. All ecological aspects are taken into account when planning their routes. This allows us to drastically reduce the number of kilometres driven.

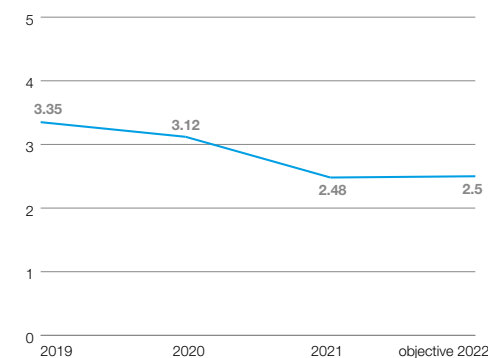
Consumption of fossil fuels

Our company cars and lorries still run on fossil fuels, but in the future these will be replaced with hybrid/fully electric vehicles. We already own two hybrid company cars and one that runs on CNG fuel.

Total fuel consumption
(in l)

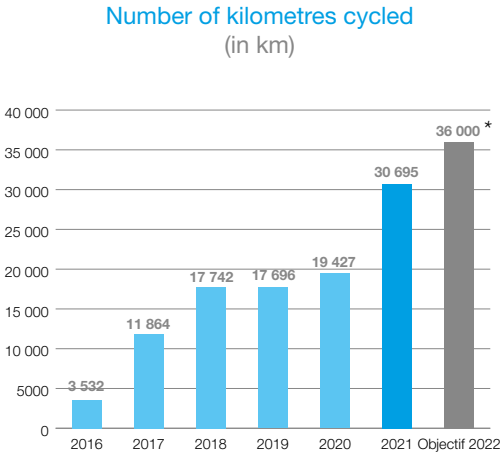


Total fuel consumption relative to turnover
(in l/K€)



COMMUTING

Since 2016, we have been encouraging our employees to commute by bike and offering the maximum cycling allowance for this. Since spring 2021, our employees have been offered an opportunity to enter into a contract with *Lease-a-bike* and lease a bike or e-bike with attractive conditions. This has resulted in an increase of no less than 870% in the number of kilometres cycled in comparison with 2016.



* In 2020 and 2021 many employees were teleworking (in connection with Covid-19 measures). These measures were largely lifted in early 2022. This means that the number of kilometres cycled will increase further in 2022.

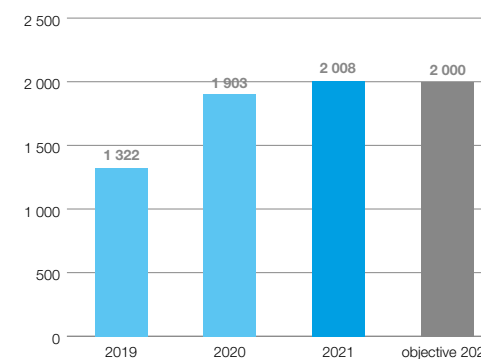




WATER

The water consumption has increased significantly since 2019 as a result of the entry into use of the air humidification system for paper storage. This is necessary in order to store and process the paper under the optimum conditions in terms of air humidity. This helps to further reduce the paper waste relative to paper consumption.

Total water consumption
(in m³)





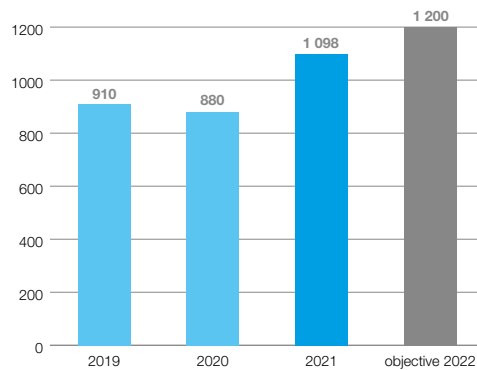
EMISSIONS

The CO₂-emissions (including indirect emissions) produced by Drukkerij Van der Poorten in 2021 amounted to 1906 tonnes (tonnes of CO₂e) in accordance with the PAS 2060 standard.

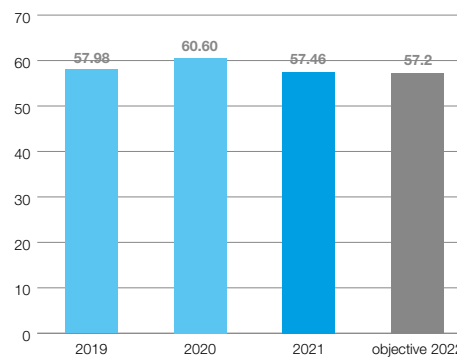
When the net positive effect of 'carbon capture' for a well managed forest is taken into account, the total direct and indirect CO₂ emissions amount to 1098 tonnes of CO₂e.

Because we wish to reassure our customers, and by extension all readers, that paper is environmentally friendly and does not have a negative impact on global warming, we ensure that all printed products, including the raw materials, are delivered in a climate-neutral way. (See also the chapter Partners > Society on page 17)

Total CO₂ emissions
(in tonnes)



Total NOx emissions
(in kg)





WASTE

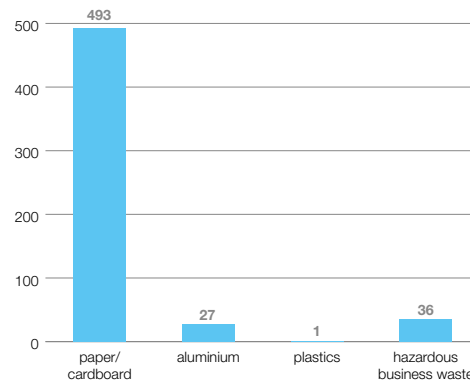
Overview

The waste quantities are displayed in the chart below. Paper and cardboard are by far the largest waste streams. Paper and cardboard as well as plastics are recycled. Aluminium returns to the supplier and is reused. The hazardous business waste is collected separately and removed by a recognised waste collector.

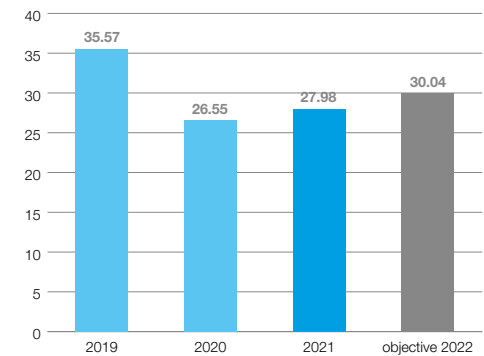
The specific waste production relative to turnover has fallen significantly. The paper waste relative to paper consumption has also decreased significantly. This is the positive result of recent investments and training.



Waste overview 2021
(in tonnes)



Industrial waste
(except residual waste and paper waste)
(in tonnes)





We have created a mascot 'HERO EZO', who will encourage us in our daily efforts to limit waste. The correct labelling was applied, in order to improve waste sorting. This will allow us to drastically reduce our waste flow in 2022.



NOISE

The results of the noise measurements are positive, thanks to the effective measures taken during construction.

We have identified that, when folding heavier types of paper, the folding machines produce significantly more noise. The latest new folding machines therefore have sound covers. We have also had customised hearing protection produced for the folders – ear plugs from Cotral.

The binders and employees working on the adhesive line and shipping machine will also be offered this hearing protection.

We are investigating whether this personal protection would be a good idea for the printers too.



SOIL & BIODIVERSITY



The total area of the Drukkerij Van der Poorten site is 15,000 m² (see Figure 1).

10,000 m² of this is paved. This means that there is a further 5000 m² of undeveloped land around the printworks (see Figure 2).

Use of the ground for commercial buildings could result in a decrease in biodiversity.

We therefore took action and, back in 2020, signed the 'byebyegrass charter', which resulted in changes to our mowing management so that the flowers and

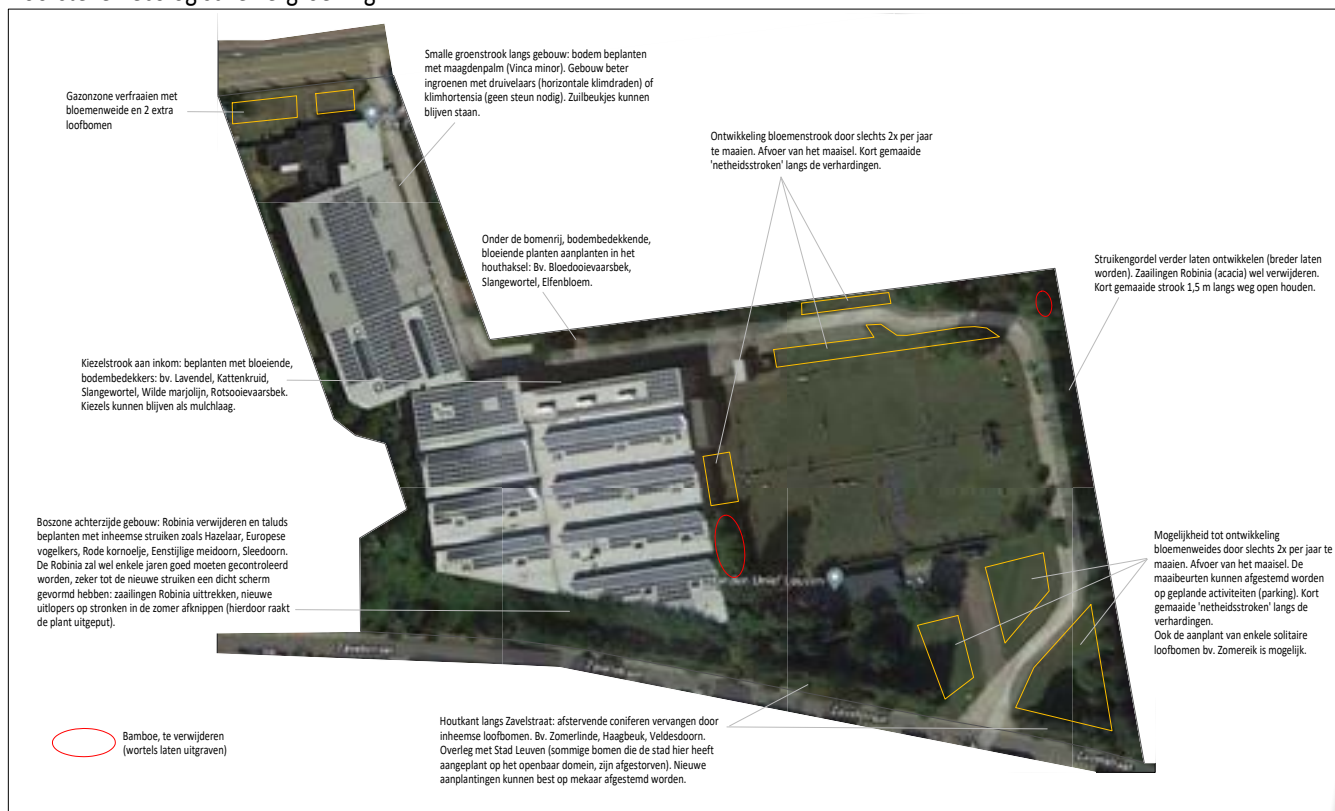
Figure 1



Figure 2



Voorstellen ecologische vergroening

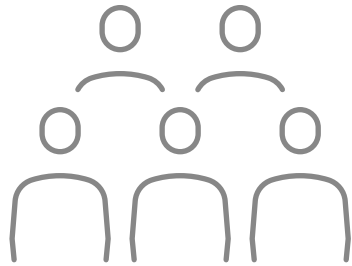


bees could create more biodiversity.

We also requested advice from Regionaal

Landschap Dijkeland, in order to work with the green zones and encourage biodiversity.

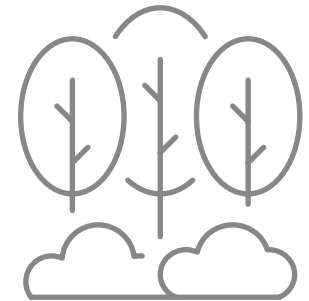
the future looking ahead



**RECRUITMENT OF
YOUNGER EMPLOYEES**



LIMIT BUSINESS WASTE
through better sorting



5 000 m²
NATURE-FOCUSED AREA
make best possible use
and encourage biodiversity



36 000 km

**INCREASE NUMBER OF
KILOMETRES CYCLED**

(commuting)

Since the start of the cycling allowance, the number of kilometres cycled has seen a spectacular increase. We plan to get more employees on their bikes, including those who travel from further away, in part through the Lease-a-bike contract.





Diestsesteenweg 624
3010 Leuven
+32 16 35 91 50
mail@vanderpoorten.be
www.vanderpoorten.be
BTW BE 0442 640 593
NACE code 18 120

Responsible publisher: Van der Poorten, Diestsesteenweg 624, 3010 Leuven, Belgium.
This sustainability report is printed on environmentally friendly paper with the FSC label.
The design, printing and finishing of this report have all been 100% climate neutral.

This English version is a literal translation of the Dutch Environmental Statement
validated by Vinçotte.

