SUSTAINABILITY REPORT 2022



United for sustainable corrugated packaging

### **About this report**

The Blue Box Partners' annual sustainability report 2022 aims to provide transparency to our stakeholders about the sustainable business practices of our companies. This report has been prepared in accordance with the Core option of the Global Reporting Initiative (GRI) guidelines.

For more detailed information on the sustainability efforts of the Blue Box Partners' companies, we invite you to consult each partner's individual sustainability reports.

### Feedback welcome

Date of publishing: 18/11/2022

**Publisher** 

Blue Box Partners EEIG

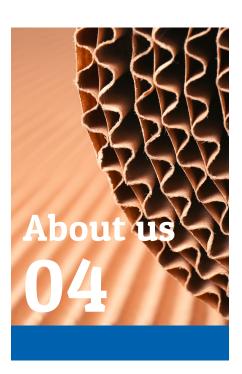
Kareelstraat 108 · 9300 Aalst · Belgium

www.blueboxpartners.eu contact@blueboxpartners.eu

If you have any suggestions, comments or questions regarding this report, do not hesitate to submit them.

sustainability@blueboxpartners.com





# How we are committed to sustainability



### About us

Introduction Rubén Martínez	
Our vision and mission	
Our values	8
Interview with Edwin Beekman	9
Products and markets	10
Key numbers	1
Locations	12
The perfect cycle	14



### **Annex**

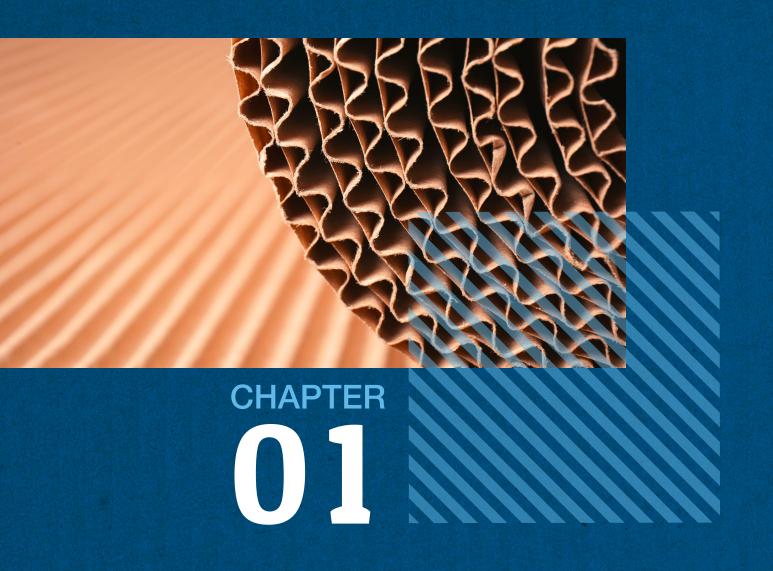
Overview of certificates	5
GRI Content Index	53

### How we are committed to sustainability

Sustainability at Blue Box Partners	16
Sustainable Development Goals	17
Affordable and clean energy	18
CASE - New turbine for	
Weener Energie	20
Decent work and economic growth	22
CASE - Creating a Sustainable	
Development hub in French	
Normandy	24
Responsible consumption and	
production	26
CASE - VPK Group's high-tech and	
BRCGS-certified Halden plant	27
CASE - Nestlé Italia closes the loop	31
Climate Action	33
CASE - Drying recycled paper on	
biomass and biogas at Hinojosa	36
Good health and Well-being	38
CASE - Enhancing safety	
around forklifts	40
CASE - Klingele supports local	
community projects	44
Quality education	46
CASE - Hinojosa sees students	
graduate from its Dual Vocational	

Training Course

48



# About us







In 2022, the Blue Box Partners took steps to further align their sustainability efforts and invest in best-in-class long-term sustainable management systems.

Rubén Martínez Managing Partner and Chairman Blue Box Partners

### Dear stakeholders.

Individual corporate sustainability efforts are not enough to halt climate change. The solution: collaborative partnerships. Therefore, Cart-One, Hinojosa Packaging Group, Klingele Paper & Packaging Group, and VPK Group have decided to push their pan-European alliance as Blue Box Partners to the next level in terms of sustainability.

In 2022, the Blue Box Partners took steps to further align their sustainability efforts and invest in best-in-class, long-term sustainable management systems. Consequently, the four companies share a number of common SDGs and have set up a common carbon capture and reduction mission that we will monitor using a joint GRI management platform.

Meanwhile, our organizations have continued with their work since our last sustainability report. They have further increased their sustainability impact by strengthening their commitment to the quality of their products, resulting in highly regarded quality certifications, new sustainable packaging solutions and the creation of closed-loop recycling systems for their customers. The companies have also continued to invest in reducing their carbon

footprint. In addition, they have further extended their energy autonomy by generating more steam and power themselves, based on renewable resources and refuse-derived fuel.

In parallel, our companies have taken many initiatives to maintain the safety and wellbeing of our people and the communities in which they live. How? By investing in new technologies that further enhance workplace safety. By involving employees in the companies' charitable activities and thus reinforcing employee engagement. Moreover, in collaboration with external parties, our companies have set up new training programmes to teach young people the skills they need to work in our industry. In this way, our organizations ensure the necessary inflow of new talent.

We are delighted to present you with BBP's latest Corporate Social Responsibility Report, throughout which we highlight various examples of how our alliance contributes to the sustainable development of the European packaging industry. It gives you a clear idea of how seriously we take our responsibility and how we act to shape a better world for our future generations.

# The power behind all your corrugated packaging needs

Blue Box Partners, founded in 2006 as a European Economic Interest Grouping (EEIG), is a pan-European alliance of four private capital run companies with a common goal to supply innovative, protective and environmentally friendly corrugated packaging solutions.

Our alliance is a prime example of responsible economic activity in the 21st century. Our corrugated packaging solutions provide our customers real added value for their own businesses and serve as a paragon of the principle of a closed loop circular economy.

Sustainability, in all its forms, is the framework for business success. We nurture trusting relationships with our customers, offer our employees a supportive working environment and actively engage as a pioneer for climate and environmental protection.







Klingele Papierwerke GmbH & Co. KG, head office in Germany



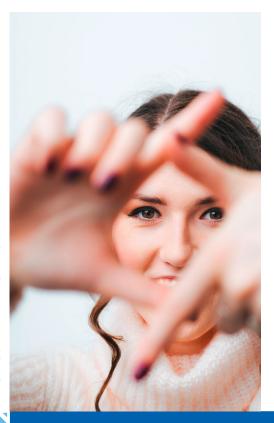
VPK Group NV, head office in Belgium



Hinojosa Packaging Solutions, head office in Spain



From left to right: Fausto Ferretti (Managing Partner of Cart-One Sandra Division), Dr. Jan Klingele (Managing Partner Klingele, Paper & Packaging Group), Jean-Paul Macharis (Shareholder VPK Group), Antonio Sada (Managing Partner Cart-One Sada Division) and Rubén Martínez (President of Hinojosa Group and Chairman Blue Box Partners).



When it comes to sustainable and intelligent packaging solutions based on corrugated cardboard, our goal is to become the most preferred supplier in paper-based packaging solutions throughout Europe. The common strategy pursued by all Blue Box Partners creates the framework conditions to bring us closer to this vision every day.

Our customers benefit from our continuous investments and the consulting and development services of highly qualified, motivated teams. Our packaging solutions help our customers to optimise their own processes whilst engaging in more sustainable business methods.

# The only credible alternative



The Blue Box Partners are committed to supporting your commercial success by providing superior protection and visibility for your products, supplying in any quantity across Europe.

We achieve this through close collaboration with our customers and an international coverage. And we want to do this sustainably, ensuring that we contribute to a better future for our society and planet.

# Our mission

# Our values



Blue Box Partners' four companies are large, independent corrugated board and corrugated base paper packaging companies. Each is well-established and successful in its respective home market and shares the same structure, values and long-term business outlook.

### Reliability

Reliability is the core of our DNA. This commitment to serving customer interests reflects our values as a group of family owned companies. The entire organisation is focused on exceeding customer expectations - and we're always trustworthy, cooperative and transparent. Through direct personal engagement, we take full ownership of joint projects and deliver the results our customers demand.

### **Agility**

BBP partners share an entrepreneurial spirit that thrives on flexibility and is unrestricted by geography. A wellbalanced, common strategy of long-term investment and local speed-to-market means that, with operations across Europe, we can meet your local needs. Explicitly focused on problem-solving for our customers, our proximity boosts responsiveness, guaranteeing a smoother and more sustainable service.

### **Entrepreneurship**

Entrepreneurship is not simply generating big-business ideas, it's about being creative in all we do. We don't just aim to do things well, we strive for first-class quality, value and service. The collective intelligence of our experts is unrivalled, utilising the best design and technical know-how from across the alliance. This combined power through innovation brings real results for our customers.

Interview

# **Meet Blue Box** Partners' new **Managing Director Edwin Beekman**

Blue Box Partners has a new Managing Director, Edwin Beekman. Edwin is a native Dutchman with a broad international outlook. And you can take that literally. After his studies in the Netherlands, he worked for a year at a packaging producer in New Zealand before returning to Europe, travelling by land for six months and seeing much of the world. Back in Europe, he worked for over twenty vears in sales & marketing and as an EU account director in the paper-based packaging sector. After a brief foray into another industry, Edwin quickly felt the need to go back to his roots. We asked him why, and what his plans are with Blue Box Partners.

### **Congratulations Edwin on your recent** appointment as Managing Director for Blue Box Partners. What convinced you to take this step in your career?

"My work experience has taught me one thing, and that is that my heart belongs to the paper-based packaging sector. I was looking for a new challenging position in 'my' sector, where I can share my experience in international sales. Preferably in a company with a work culture that suits me and where there is still room for growth, both within the company walls and on the commercial side. Blue Box Partners fits this picture perfectly. Even more so because of the specific nature of the partner companies being all family businesses."

### What do you consider to be Blue Box Partners' strength?

"Blue Box Partners boasts more than ten



years of experience, which has resulted in a broad and established portfolio of international accounts in the FMCG and industrial sectors. A result that is largely due to the further expanding footprint of its four partner companies, which has allowed Blue Box Partners to offer complete solutions for the European demand for corrugated packaging."

### What short- and long-term challenges do you see for Blue Box Partners and our industry in general?

"Currently, one of the main challenges is the turmoil that has been dominating the energy markets for quite some time now, and that has been putting pressure on the demand for packaging solutions, and the economy in general.

In the medium term, I expect further consolidation among the companies within our industry, as well among their customers. As a result, international business activities will increase, as will the competition in the European market."

### How can we address this mid-term trend with Blue Box Partners?

"We want to bring Blue Box Partners even closer to its international customers by jointly carrying out technical projects that will allow us and our customers to use scarce resources more efficiently, to

It is my goal to make Blue Box Partners a professional organization that is very close to the customer.

operate more sustainably. In short, we want to help standardise, harmonise and optimise production processes in terms of energy consumption and costs."

### What will it take to make all this happen?

"To achieve this goal, it is important that we consolidate, bundle and merge all the activities carried out by the four partners, in order to then transfer these competences and added value to customers.

Moreover, we aim to further develop the cooperation between Blue Box Partners and its customers through extensive digitization and the development of further specific customer-linked support functions. In fact, we have the ambition to increase the available expertise by expanding the number of functions within Blue Box Partners, so that we can approach and support European customers together, especially for those technical projects that I mentioned earlier. In order to do so, we first need to create enough resources to take on those projects. For instance, someone to manage and steer the sustainability related projects between Blue Box Partners and its customers."

### How do you see the future?

"It is my goal to make Blue Box Partners a professional organization that is very close to the customer. An organization with a solid position in the international paper-based packaging market, with the expertise and resources to carry out technical projects that contribute to both client and partner objectives. This will ultimately contribute to building a partnership that brings out the best in each other and where all parties have the utmost mutual respect."

# **Products and markets**

### **Products**

Our product spectrum is large and diverse. There are no limits to what we can package. We develop, produce and supply corrugated cardboard packaging for everything that is required. We consistently align our packaging solutions to your needs and requirements.

- Corrugated board base paper (container board)
- Corrugated cardboard
- Corrugated sheets
- Corrugated packaging e. g.: corrugated boxes, die-cut packaging, lock-bottom, pre-glued folding cartons, packaging for hazardous goods, shipment packaging, special solutions, e-commerce packaging
- Corrugated board furniture
- Solid board
- Cores e.g.: industrial cores, edge protection, consumer packaging



### **Industry expertise**

- Food / Fruits + Vegetables
- Logistics / Delivery / Online Distribution / Paper Production
- Electronics / Engineerings / Mechanics Trade / Beverages
- Chemicals / Hazardous Goods / Sports / Toys / Leisure / Fabrics / Hygienic Products / Cosmetics

### Internationally connected: **Association membership**

In our globalised world, exchange and collaboration with international partners are indispensable. Our membership in associations forms a fundamental basis for this. The Blue Box Partners are members of the European Federation of Corrugated Board Manufacturers (FEFCO) and the Confederation of European Paper Industries (CEPI). Through our active involvement in these networks, we benefit from the latest knowledge on market and technology trends and best practices. In addition to this, a well-established network of experts from science and research, politics and companies offers us the opportunity to participate in pioneering projects and partnerships.

### Markets served

Reporting on the markets/industry served, the figure gives an indication on a scale of 1-4 (1: LOW to 4: HIGH) on Blue Box Partners products being sold in the industries indicated.



# **Key numbers**



# We got you covered, wherever you are

Blue Box Partners offers best of both worlds - a strong presence across Europe and proximity to experienced and competent corrugated packaging specialists in your market.

Our coordinated approach, with the combined expertise of 12.000 employees and the production capacity of 106 sites, ensures we can provide the bespoke designs and delivery requirements of any customer, large or small. Our flexibility enables us to think globally but act locally, and our customers can rely on smoothly functioning supply chains and processes.

We offer uniform quality standards, cutting-edge technical production capacities and competent service across all markets. Thanks to our comprehensive market experience and technological and process know-how, our customers also benefit from qualified advice. This gives them the freedom to concentrate on their core competencies.

### We deliver in the following European countries







Production of corrugated board

\*FSC-C109033 (VPK Group); FSC-C156109 (Hinojosa Group); FSC-A000504 (Cart-One Salerno); FSC-C105699 (Cart-One Parma); FSC-C108153 (Klingele Paper & Packaging Group)

To produce our corrugated board, we mainly use recovered

paper partly coming from our own processes. The certification

ensures all paper is coming from a responsible source. Our own paper mills carry the FSC®\* label. Moreover, we apply the

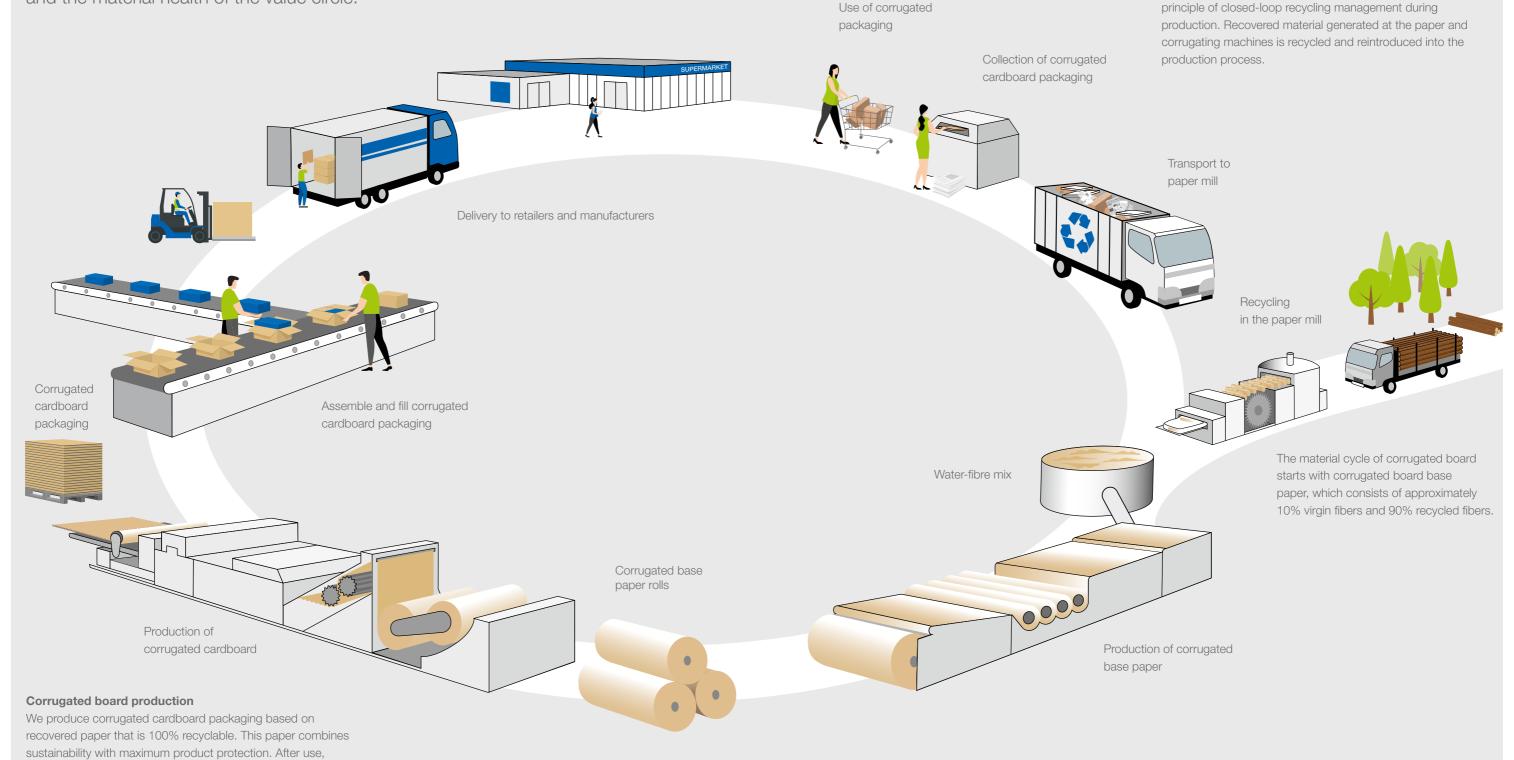
of our corrugated board factories, as well as our paper mills,

# The perfect cycle

it is disposed of as waste paper and reintroduced into the production cycle. Our technological innovations guarantee an

environmentally friendly production process.

Closed loop recycling management is essential for the development of a circular economy. Our mutual priorities are to further promote recycling and reuse, increase resource efficiency and the material health of the value circle.





How we are committed to sustainability

# **Sustainability at Blue Box Partners**

As a manufacturer of environmentally friendly packaging solutions, we aim to minimise our carbon footprint through the implementation of closed loop recycling management. Intelligent processes and innovative technologies promote the efficient use of resources during the manufacturing of our products and reduce our energy consumption. Simultaneously, we minimise carbon emissions throughout our entire value chain. Nevertheless, the key to our success is rooted in our qualified and experienced employees. We offer them a supportive, encouraging and above all safe working environment in which they can optimally utilise their individual strengths.



### We protect our environment

As a manufacturer of ecological products, systematic energy and environmental management is part of our DNA - and of all our processes. We continuously invest in innovative technologies to reduce emissions, effluents and waste. We apply the concept of closed-loop management and adhere to efficient logistics to protect the environment. Renewable energy sources supply our factories with clean electricity. Every day, we strive for economic, social and technological progress in harmony with nature.



### We produce in a resource-conserving way

Our corrugated cardboard packaging and corrugated base paper are completely biodegradable and 100% recyclable. When producing our corrugated cardboard, we depend on the long-term availability of paper, water and energy. Our production processes are therefore aligned to protect these strategic resources whilst minimising our ecological footprint. We reduce our consumption through efficient water and energy management in our plants. And through FSC® certification, we document responsible sourcing. We use recovered paper or paper from sustainable forestry to manufacture our products.



### We care about our employees

Our employees are at the heart of our success. They use their ideas, creativity, knowledge and entrepreneurial spirit to ensure that we can offer our customers the best packaging solutions and service. We support and nurture our employees by offering them an attractive and safe working environment and promoting equal opportunities and diversity. Flexible working models, training and opportunities for personal development, together with a culture of trust, commitment and mutual respect, form the solid basis for their long-term loyalty.



	SDG		KPI
PROSPERITY		7 AFFORDABLE AND CLEAN ENERGY	Energy efficiency
PROSPERITY		B DECENT WORK AND ECONOMIC GROWTH	CAGR
PLANET	CO	12 RESPONSIBLE CONSUMPTION AND PRODUCTION	Waste BRC
PLANET		13 CLIMATE ACTION	CO <sub>2</sub> emissions
PEOPLE	<b>-</b> ₩•	3 GOOD HEALTH AND WELL-BEING	LTIR Hazard and near miss reporting Permanent contracts Employee engagement surveys
PEOPLE		4 QUALITY EDUCATION	Training hours





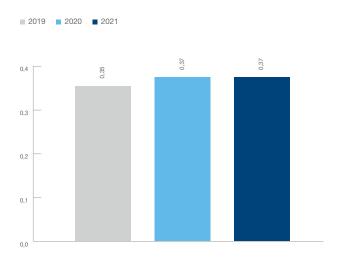
# **PROSPERITY**

**F**P

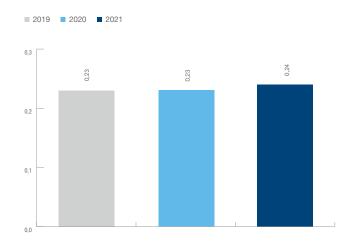
# Enhancing our energy autonomy sustainably

Producing paper and cardboard packaging solutions requires lots of energy, mainly steam and electricity. To ensure the ample supply of affordable and clean energy, the Blue Box Partners have made it their strategic priority to generate their own energy based on renewable as well as refuse-derived fuels, and become self-sufficient as much as possible.

### ENERGY INTENSITY OF CORRUGATED PRODUCTION IN MWH PER TONNE SOLD



### ENERGY INTENSITY OF SHEET FEEDING PRODUCTION IN MWH PER TONNE SOLD

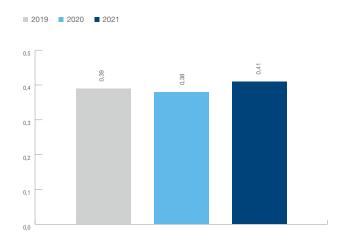




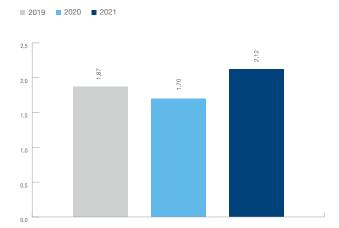
# **PROSPERITY**

**F**PI

### **ELECTRICITY INTENSITY OF PAPER PRODUCTION** IN MWH PER TONNE SOLD



### FUEL INTENSITY OF PAPER PRODUCTION IN MWH PER TONNE SOLD



In TJ	2019	2020	2021	%change 2021 vs 2020
Renewable energy (green electricity + green fuel)	4.860	4.394	9.948	126,4%
Non-renewable energy	10.486	9.705	10.359	6,7%
Total Energy	15.346	14.099	20.307	44,0%
Electricity purchased	2.382	2.082	2.539	22,0%
Grid injection	27	39	32	-17,1%
Steam purchased	480	379	401	5,8%
Total Primary Energy (TJp)	18.904	17.194	23.723	38,0%
Green Primary Energy (TJp)	6.247	5.751	11.158	94,0%

### ENERGY INTENSITY OF OUR PRODUCTION IN MWH PER TONNE SOLD

In MWh/ton	20	019	2020		2020		2	021		nange vs 2020
	Electricity	Fuel	Electricity	Fuel	Electricity	Fuel	Electricity	Fuel		
Cores	0,09	0,09	0,09	0,10	0,10	0,09	2,1%	-16,6%		
Sheet feeder	0,05	0,18	0,05	0,18	0,05	0,19	1,4%	5,7%		
Conversion	0,06	0,03	0,19	0,08	0,18	0,04	-2,6%	-50,0%		
Corrugated boxes	0,11	0,24	0,10	0,26	0,10	0,26	0,4%	-0,1%		
Paper mill	0,39	1,87	0,38	1,70	0,41	2,12	8,0%	24,9%		
Solid	0,06	0,05	0,05	0,02	0,05	0,03	-0,1%	34,3%		



# **PROSPERITY**

# Klingele upgraded its Weener combined heat and power plant to generate more energy, more efficiently

The Blue Box Partners are committed to using energy efficiently and, as far as possible, they aim to cover their energy needs autonomously. A good example is Klingele Group's investment in its refuse-derived fuel combined heat and power plant in Weener, Germany. By integrating a new condensing turbine, the plant now covers more than 90% of the energy needs of the Group's local paper mill.





The Klingele Group has been producing corrugated paper at the German Weener site since 1958. Since 2008, the local paper mill's energy requirements have been met in a sensible and environmentally friendly way by the nearby refusederived fuel (RDF) combined heat and power plant.

### **Converting waste into energy**

The combined heat and power plant converts about 185.000 tonnes of residual materials into steam and electricity. These materials come from sorting recovered paper from the associated paper production, as well as processed commercial and industrial waste with a high calorific value. The steam and electricity are then used to feed the operational processes at the Weener paper mill.

Over the years, Klingele has increased the power plant's steam production from the original 85 tonnes per hour to 102 tonnes per hour. However, the Group has been unable to use a growing share of the potential boiler output efficiently, due to a lack of optimized electricity generation capacity.

### Covering more than 90% of the paper mill's energy needs

This changed at the beginning of 2021 with the commissioning of a new condensing turbine. Thanks to this new turbine, the RDF combined heat and power plant supplies the mill with around 26.000 MWh more electricity per year. What's more, the turbine not only makes the power plant much more powerful, but also far more energy-efficient, since it produces the additional electricity without needing to burn any additional fuel.

As a result, the RDF combined heat and power plant now covers more than 90% of the paper mill's energy needs. both thermal and electrical, thus increasing the Weener paper mill's independence from fossil fuels and external electricity. And, the icing on the cake is that the mill now saves an additional 10.000 tonnes of carbon emissions per year – a positive result for the Klingele Group, the local Weener community and the environment in general.



The RDF combined heat and power plant now covers more than 90% of the paper mill's energy needs, both thermal and electrical, thus increasing the Weener paper mill's independence from fossil fuels and external electricity.







# **PROSPERITY**

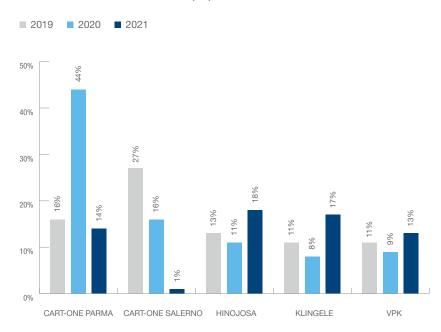
**F** 

**CAGR** 

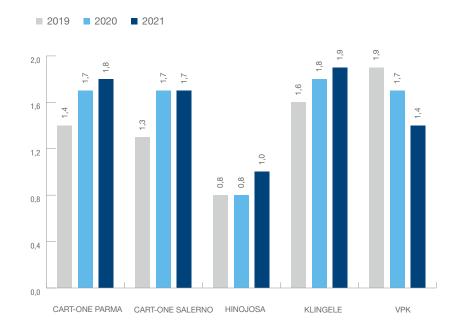
# **Expanding** our positive impact on local economies

The packaging sector has tremendous growth prospects. Our companies want to grab these opportunities by continuing to extend their reach, investing in both brownfield and greenfield sites. This will, in turn, create more local jobs and give an extra boost to the economic development in the communities in which the Blue Box Partners are active.

### **CAGR% OPERATING INCOME (5Y)**



### INVESTMENT DEPRECIATION RATIO (3Y AVERAGE)







# **PROSPERITY**

**K**P

### **INNOVATION AND PROGRESS**

Capex (M€)	2019	2020	2021	%change 2021 vs 2020
Cart-One Parma	5	6	7	12%
Cart-One Salerno	5	6	7	13%
Hinojosa	26	24	39	63%
Klingele	39	50	60	19%
VPK	117	96	91	-6%

Depreciations (M€)	2019	2020	2021	%change 2021 vs 2020
Cart-One Parma	3	3	4	11%
Cart-One Salerno	4	4	4	8%
Hinojosa	31	32	39	24%
Klingele	24	28	32	13%
VPK	59	73	80	9%





# **PROSPERITY**

# Creating a Sustainable Development hub in French Normandy

In everything VPK does, the Group strives for sustainable growth, both economically and ecologically. A good example of this is the new site in Alizay, Normandy. The site is on its way to becoming an ecological landmark in the industrial landscape of the **Rouen Normandy Metropolis. Not only** because of the site's wide-ranging reconversion project, but also because the site is housing the production of Fanfold corrugated packaging solutions under the Group's new European brand fit2size®.





### Revamping a historic industrial site

VPK acquired the industrial site in Alizay, close to Rouen, with the aim of transforming it into a centre of excellence for sustainable development in Normandy. The reconversion project includes the transformation of the existing paper machine into a production unit with the capacity to produce 450.000 tonnes of recycled paper for corrugated board per year. The new site, in synergy with VPK's two other French paper factories, will produce more than one million tonnes of recycled paper per year in France.



### Manufacturing a new Fanfold packaging solution: fit2size®

The vast majority of the paper produced in Alizay will supply VPK's own packaging processing sites in France, Belgium and the UK. It will also be used to feed the new corrugated packaging production unit on site. The new corrugator will manufacture the Group's newest European brand for Fanfold packaging solutions, fit2size®.

Fit2size® will be the greenest packaging solution for e-commerce and logistics. It strives to eliminate void fill, spacers and fillers, and it helps to produce exact-size corrugated packaging on demand, reduce stock keeping units (SKU), and limit manual handling and forming. The Fanfold range completes VPK's product offering for all e-fulfilment packaging needs. Moreover, the Fanfold sheets will be made of green energy paper produced by the paper mill located in the Alizay sustainable development hub.

### Decarbonized energy and sustainable production

The Alizay site also contributes to the achievement of VPK's sustainability goals. For instance, the site features a water purification station, which will purify 300 m<sup>3</sup> of process water per hour, the equivalent of the water consumption of 40.000 people. Moreover, the site houses the third largest biomass-powered electricity production unit in France with a capacity of 50MW, which matches the electricity needs of 240.000 people. The plant ensures the long-term supply of decarbonized steam and electricity to the various on-site consumers. And, to top things off, the site will process

CASE

250.000 tonnes of wood per year originating from by-products of the wood industry and end-of-life wood, to produce 150.000 tonnes of wood pellets per year. These will in turn be used to generate carbon-free steam for use in VPK's corrugated cardboard factories in France, the Netherlands and Belgium.

### Developing a centre of excellence for sustainable development

Thanks to these combined initiatives, VPK is taking a big step towards carbon-free production. The Alizay Sustainable Development Hub will actively contribute to the environmental, economic and industrial development of the Normandy region. The revitalization of the historic industrial Alizay site will ensure the preservation and development of highly qualified jobs and create added value from locally recovered secondary raw materials, recycling close to 500.000 tonnes of recovered paper and cardboard per year, to create the greenest packaging solution for e-commerce and logistics.



The revitalization of the historic industrial Alizay site will ensure the preservation and development of highly qualified jobs and create added value from locally recovered secondary raw materials, recycling close to 500.000 tonnes of recovered paper and cardboard per year to create the greenest packaging solution for e-commerce and logistics.



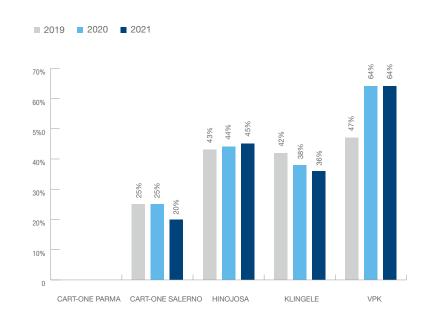
**KP** 

**BRC** 

# **Pursuing** best-in-class quality

As sustainable companies, the Blue Box Partners have a responsibility regarding the production and consumption of our products. Therefore, our production sites and processes, as well as our packaging solutions adhere to the highest standards, both in terms of quality and safety. Moreover, we help our clients take up their responsibility by recycling their paper and cardboard waste and converting it into new packaging.

### SHARE OF BRCGS CERTIFICATION







# **PLANET**

High-tech, **BRCGS-certified and** sustainable: **VPK Group's Halden** plant is at the top of its game

The state-of-the-art Halden site, a joint investment of VPK Group and Klingele Paper & Packaging Group, is situated on the border between Norway and Sweden. Its strategic location brings VPK closer to potential customers in Scandinavia and Europe, making it increasingly easier to provide customers with packaging solutions. And, what's more, the plant raises the bar in terms of technological innovation, sustainable production, and product quality.





### Incorporating the latest technologies

With its Halden plant, VPK Group became the first packaging company in Norway to build a fully automated and integrated warehouse. The warehouse is equipped with five automated cranes that rearrange the allocation of pallets to cells at night. This not only increases the warehouse's speed of operation, it also boosts the site's storage capacity up to 16.000 pallets.

### **Operating sustainably**

In addition to its high-tech environment, the Halden plant is an excellent example of how a closed, circular system improves energy consumption and reduces environmental impact. The plant is built to be fully CO<sub>2</sub>-neutral by using biogas for the production of steam and heating. Moreover, the heat recovery system on the corrugator recovers residual heat to keep the rest of the building at temperature.

### **Prioritizing product safety/quality**

The Halden site has also been built with impeccable product quality in mind. The plant's layout was designed to achieve BRCGS certification by putting VPK in perfect control of its high-tech production processes. This enables VPK to act proactively through good routines, while reducing the number of questions and concerns from customers. Or, in other words, to help ensure customer satisfaction. How? By giving customers the reassurance that VPK's corrugated products meet stringent quality and safety requirements. As BRCGS is a widely renowned certification standard, customers know which guidelines and rules are followed throughout the production process.

It provides them with evidence that the VPK production processes live up to a high standard and that the quality and food safety of their products can be trusted.



### **Achieving grade B BRCGS** certification

The plant's design basis served its purpose, as in 2021 the Halden production site achieved its first grade B BRCGS certification. As a result, Halden became the third VPK Nordic plant to get BRCGS certified, after VPK sites in Norrköping, Sweden and Randers, Denmark have already been using BRCGS for quite some time now.

The BRCGS certificate comes on top of the Norwegian site's ISO certification and, as such, puts even more emphasis on VPK's and the site's striving towards excellent hygiene and food/product safety - while ISO 9001 and ISO 14001 respectively offer guidelines for quality and the external environment, BRCGS sets out rules for hygiene and product safety.

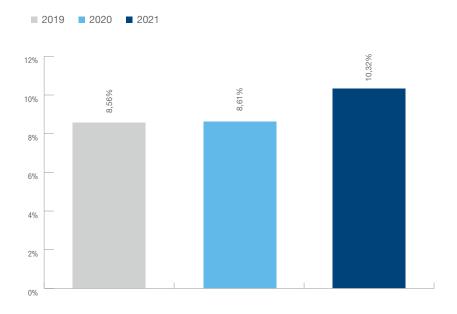


The plant's layout was designed to achieve **BRCGS** certification by putting VPK in perfect control of its high-tech production processes.

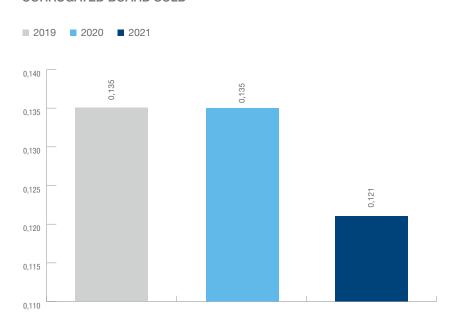


**F**PI

### PERCENTAGE OF TOTAL WASTE THAT IS LANDFILLED



### TONNES OF RECYCLABLE WASTE PER TONNE OF CORRUGATED BOARD SOLD\*



(\*including conversion, sheet feeder, corrugated)



RESPONSIBLE CONSUMPTION AND PRODUCTION

# **PLANET**

### **NON-HAZARDOUS WASTE IN TONNES**

In tonnes	2019	2020	2021	%change 2021 vs 2020
Preparation for reuse	37.040	34.587	58.474	69%
Recycling	347.606	355.388	373.700	5%
Incineration with energy recovery	138.307	138.178	163.739	18%
Incineration without energy recovery	3.781	6.402	7.093	11%
Landfill	49.305	50.361	69.386	38%

### WASTE INTENSITY (TOTAL WASTE TONNE / GOODS SOLD TONNE)

In tonnes/tonne	2019	2020	2021	%change 2021 vs 2020
Conversion	0,07	0,15	0,13	-17%
Cores	0,08	0,09	0,06	-34%
Corrugated boxes	0,17	0,17	0,15	-10%
Sheet feeder	0,07	0,09	0,09	2%
Papermill	0,17	0,15	0,16	6%
Solid	0,08	0,09	0,09	0%





# **PLANET**

# Nestlé Italia closes the loop of its corrugated packaging waste and keeps it all local

In 2021, Cart-One Salerno and their partners in the Sustainable Packaging Network carried out the first ever circular economy project for Nestlé Italia's corrugated cardboard packaging. The packaging waste from Nestlé's Benevento plant is recovered, recycled and then transformed into 'new' corrugated packaging, all in the same region. In fact, the closed loop system adheres to three basic principles.

## **Transparency – knowing where your** waste ends up

Manufacturers are deemed responsible for the products they put on the market, up until they reach their end of life. With this so-called Extended Producer Responsibility (EPR), manufacturers are held responsible for improving the environmental profile of their products, both upstream (e.g., ensuring product recyclability and/or reuse) and downstream (e.g., minimizing carbon emissions from the transporting of resources).



The closed loop system is 100% Campania. The paper waste generated by Nestlé's Benevento plant is recovered and recycled locally, meeting the requirements of the European Directive for Proximity Recycling (2008/98/EC). In this way, the economic, environmental and social cost of transporting recovered paper is minimized.

What's more, the upstream value chain is also kept locally.





The transformation of recycled paper into new paper and the subsequent production of new packaging solutions for Nestlé Italia are all done in Salerno.

Cart-One Salerno uses the recycled paper to manufacture GreenBoxX® packaging. GreenBoxX® is a brand of corrugated packaging that is made only with recovered paper that has been recycled locally, ensuring that the entire supply chain is located in the same region where the recycled paper was originally generated. Moreover, the corrugated packaging is FSC® and EPD® certified.

### Traceability – ensuring the origin and destination of your resource streams

The closed loop system also ensures full traceability. All movements and applications of the recycled paper are monitored, based on a system that has been certified and verified by Bureau Veritas.

Furthermore, the EPD® certification of the GreenBoxX® packaging solution allows Cart-One to quantify the reduced impact of the new packaging as compared to the previously used supply chain and packaging.

### Proven environmental benefits

In its first year of operation, the project saved over 600 tonnes of CO<sub>2-eq</sub>. This result confirms that the installed closed loop system does indeed create a virtuous cycle and that packaging can truly act as a strategic lever for companies to integrate sustainability into their business model.



Cart-One Salerno uses the recycled paper to manufacture GreenBoxX® packaging. Green-BoxX<sup>®</sup> is a brand of corrugated packaging that is made only with recovered paper that has been recycled locally, ensuring that the entire supply chain is located in the same region where the recycled paper was originally generated.







**F** 

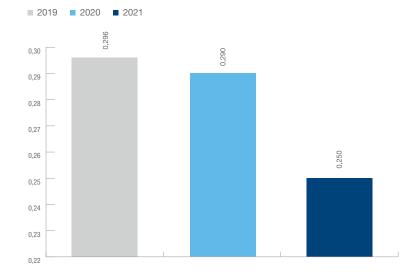
## TARGET CO,

Europe wants to be the first climate-neutral continent in the world by 2050. To realise this ambition, the European Union has launched numerous measures. The Blue Box Partners are also committed to achieving this, setting themselves the target of reducing their CO<sub>2</sub> emissions by 55% by 2030.

THE SCOPE 1 ABSOLUTE CO, EMISSIONS OF PAPERMILLS IN TONNES

# ■ 2019 ■ 2020 **■** 2021 428.000 424 000 420 000 416 000 412 000

THE SCOPE 1 & 2 EMISSION INTENSITY OF PAPERMILLS IN TONNES OF CO, PER TONNE OF PAPER SOLD



# Reducing the ecological footprint of paper-based packaging

Climate change poses a risk to businesses all over the world, including the packaging business. Although the climate impact of our activities is relatively modest, the Blue Box Partners want to play their part in building a better world. We do so by closing product loops, generating our own fossil-free energy and limiting the direct and indirect carbon emissions of our activities and products.



### ABSOLUTE $CO_2$ EMISSIONS OF ALL OUR PRODUCTS

In tonnes	2019	2020	2021	%change 2021 vs 2020
Direct CO <sub>2</sub> emissions (scope 1)	514.836	515.810	540.089	4,7%
Indirect CO <sub>2</sub> emissions (scope 2)	99.008	81.999	107.373	30,9%
Direct Biogenic CO <sub>2</sub> emissions (scope 1)*	192.829	316.220	772.761	144%

(\*emission of  $CO_2$  from combustion or biodegradation of biomass. This  $CO_2$  is considered to be carbon neutral)

### ABSOLUTE $CO_2$ EMISSIONS OF PAPERMILLS

In tonnes	2019	2020	2021	%change 2021 vs 2020
Direct CO <sub>2</sub> emissions (scope 1) papermills	426.086	417.711	419.861	0,5%

### THE SCOPE 1&2 EMISSION INTENSITY OF OUR PRODUCTS\*\*

In tonne CO <sub>2</sub> /tonne	2019	2020	2021	%change 2021 vs 2020
Cores	0,045	0,050	0,045	-8,9%
Feeder	0,039	0,040	0,043	7,3%
Conversion	0,007	0,021	0,027	28,6%
Corrugated	0,056	0,055	0,060	9,0%
Paper mill	0,296	0,290	0,250	-13,8%
Solid	0,013	0,010	0,011	5,8%

(\*\*biogenic emissions are not included)

### **EMISSION FACTOR OF FUEL**

Fuel	Emission factor	Unit
Coal	2.790	kg CO <sub>2</sub> e / ton
Steam	0,17	kg CO <sub>2</sub> e / kWh
Natural gas (NL)	1,79	kg CO <sub>2</sub> e / m3
Natural gas (EU)	0,19	kg CO <sub>2</sub> e / kWh
Heavy fuel oil	3.110	kg CO <sub>2</sub> e / ton
Light fuel oil	0,27	kg CO <sub>2</sub> e / kWh
Biogas	1.106	kg CO <sub>2</sub> b/ton
Biodiesel	2.650	kg CO <sub>2</sub> b/ton
Biomass	1.677	kg CO <sub>2</sub> b/ton





КР

### GREENHOUSE GAS EMISSION INTENSITY OF ELECTRICITY GENERATION

Country	gCO <sub>2</sub> e/kWh
Austria	78
Belgium	167
Bulgaria	362
Croatia	155
Cyprus	623
Czech Republic	390
Denmark	121
EU-27	229
Estonia	621
Finland	64
France	60
Germany	314
Greece	454
Hungary	215
Ireland	281
Italy	216
Latvia	113
Lithuania	165
Luxembourg	61
Malta	378
Netherlands	333
Norway	13
Poland	710
Portugal	203
Romania	255
Slovakia	105
Slovenia	220
Spain	177
Sweden	8
Turkey	484

Source: EEA

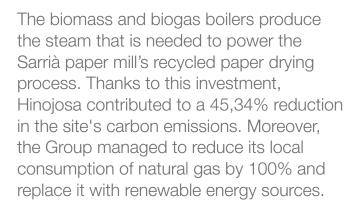




# **PLANET**

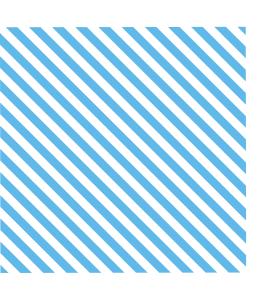
# **Drying recycled** paper on biomass and biogas at Hinojosa **Packaging Group**

One of the top priorities at Hinojosa Packaging Group is to reduce the carbon footprint of its production processes. One way in which the Group is working towards fulfilling this ambition is by replacing fossil fuels with renewable energy sources. In 2020, the Group took an important step in this regard with the installation of both a biomass and a biogas boiler at its Sarrià paper mill.



### **Converting wastewater treatment** residues into biogas

The biogas that is used to feed one of the two boilers is produced based on residues of its own activities. Specifically, the biogas is created through the natural oxidation of the organic residues that result from the treatment of the site's wastewater. The biogas boiler converts 100% of this biogas into steam to power the recycled paper's drying process.





#### Underlining the circular nature of the paper and packaging industry

What makes this Hinojosa boiler project so great is that it emphasizes the circular nature of the paper and packaging industry. At the heart of our industry is the recovery and recycling of paper for reuse in new paper and packaging solutions. And to do so, the Blue Box Partners increasingly turn to energy that is produced from other recovered (waste) products.



The investment contributed to a 45,34% reduction in carbon emissions and enabled the plant to replace the full 100% of its natural gas consumption with renewable energy resources.





GOOD HEALTH

## **PEOPLE**

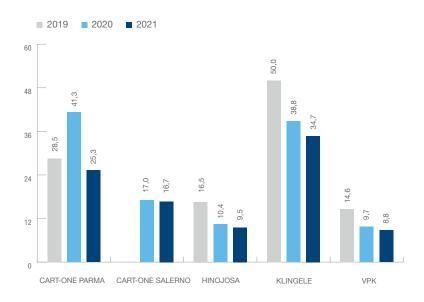
**FP** 

LTIR

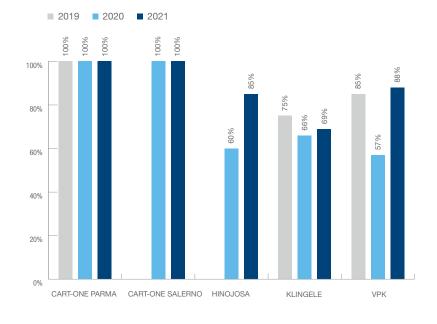
## **Fostering** employee safety and engagement

The Blue Box Partners believe their employees are their most important asset. That is why they go to great lengths to offer their people a working environment in which they feel safe, engaged and empowered. This commitment translates into numerous concrete initiatives, ranging from investing in the latest safety technologies to reduce the risk of accidents in the workplace, to involving colleagues in charity campaigns.

#### LOST TIME INJURY RATE (LTIR)



#### HAZARD AND NEAR MISS CLOSE OUT RATE







GOOD HEALTH AND WELL-BEING

## **PEOPLE**

КР

#### **EMPLOYEES AND WORK RELATED INJURIES**

Fatalities	2019	2020	2021	%change 2021 vs 2020
Cart-One Parma	0	0	0	0%
Cart-One Salerno	/	1	0	0%
Hinojosa	0	0	0	0%
Klingele	0	0	0	0%
VPK	0	0	0	0%

Recordable work related injuries	2019	2020	2021	%change 2021 vs 2020
Cart-One Parma	25	31	28	-10%
Cart-One Salerno	/	9	11	22%
Hinojosa	47	31	42	35%
Klingele	120	98	121	23%
VPK	121	95	93	-2%

Hours worked	2019	2020	2021	%change 2021 vs 2020
Cart-One Parma	491.731	538.824	633.311	18%
Cart-One Salerno	/	589.906	659.802	12%
Hinojosa	2.687.936	2.974.655	4.415.425	48%
Klingele	2.409.395	2.535.609	3.486.734	38%
VPK	8.277.946	9.794.270	10.461.817	7%

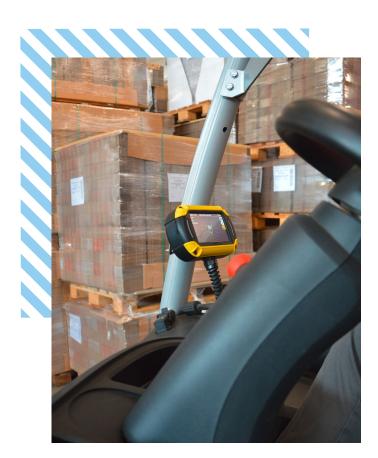




## **PEOPLE**

## **Enhancing safety around forklifts**

Ensuring the safety of our workers is a key priority. Hence, we explore various measures to protect them from any physical harm on the work floor. In this regard, Cart-One has implemented an ingenious active safety solution in its two plants in Parma, Italy.



Cart-One had only just completed the expansion of the automatic warehouse in its Parma-based production departments. allowing vehicles to be stopped automatically in case of a safety risk. However, the company wanted to improve its operational safety even further. That is why Cart-One decided to equip the forklifts at its two Parma plants with a state-of-theart safety system that prevents collisions between the vehicles and operators, while still allowing both of them to move around freely in the loading and unloading zones.

#### Signalling the presence of nearby operators and forklifts...

The newly adopted safety system is completely sensor-based. More specifically, the forklifts are equipped with a display in the driver's cabin, as well as two sensors in the front and one in the rear of the vehicle. These sensors detect other forklifts in the direct vicinity of the forklift, as well as operators.

The operators are detected thanks to the 'smart vests' that they have to wear in the loading and unloading zones. These smart vests have active tags that are picked up by the forklifts' sensors.

## CART NE

CASE

If a worker wearing the vest enters the action radius of one of the forklifts' sensors, an audible alarm informs the driver of the safety risk. In addition, the display signals the position of the worker in relation to the vehicle.

#### ... and controlling forklift operation

The safety solution not only sounds an alarm when safety is at risk, it can also adjust the speed, movement and lifting of the forklift. For example, if an operator enters a sensor's action radius, the forklift will no longer be able to move or operate until the worker is back in a safe position, i.e. outside the sensor's action radius.

#### Collecting data for even more safety control

The system also collects data. Each event is stored and logged in the system's memory. These data are then processed to generate statistical reports on the interactions between forklifts and operators. In this way, useful insights can be gathered regarding the safety risks in certain areas or during certain work shifts. This information can, in turn, serve to enhance on-site safety even further.



Cart-One decided to equip the forklifts at its two Parma plants with a state-of-the-art safety system that prevents collisions between the vehicles and operators, while still allowing both of them to move around freely in the loading and unloading zones.





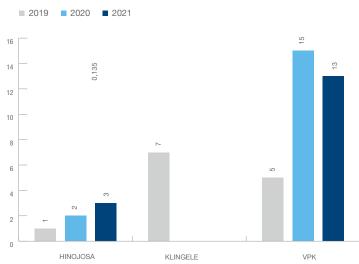
GOOD HEALTH AND WELL-BEING

## **PEOPLE**

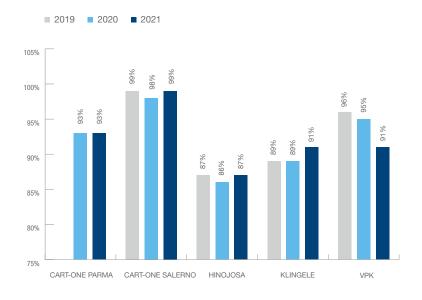
**K**P



#### NUMBER OF EMPLOYEE ENGAGEMENT SURVEYS CONDUCTED



#### PERCENTAGE OF PERMANENT CONTRACTS





**3** GOOD HEALTH AND WELL-BEING

## **PEOPLE**

**K**PI

#### % TEMPORARY TO TEMPORARY AND PERMANENT CONTRACTS

	Cart-One Salerno	Cart-One Parma	Hinojosa	Klingele	VPK
2019					
Female	/	2,4%	15,0%	7,1%	6,7%
Male	/	0,4%	12,9%	7,3%	3,9%
2020					
Female	9,1%	4,8%	19,6%	5,7%	8,3%
Male	5,7%	1,1%	13,6%	7,3%	4,7%
2021					
Female	20,0%	2,3%	20,9%	4,3%	9,9%
Male	5,9%	0,7%	11,4%	5,7%	9,3%

#### % PART-TIME CONTRACTS TO FULL-TIME AND PART-TIME CONTRACTS

	Cart-One Salerno	Cart-One Parma	Hinojosa	Klingele	VPK
2019					
Female	/	10%	10%	28%	/
Male	/	0%	3%	2%	/
2020					
Female	0,0%	9,1%	6,1%	22,0%	15,4%
Male	0,0%	0,0%	3,1%	2,3%	4,8%
2021					
Female	0,0%	9,1%	6,1%	22,0%	13,6%
Male	0,0%	0,0%	4,8%	1,7%	3,8%

#### COLLECTIVE BARGAINING AGREEMENTS (CBA)

ВВР	2019	2020	2021
СВА	33%	77%	79%





## **PEOPLE**

# Klingele donated more than €50.000 to support local community projects in celebration of their company's 100<sup>th</sup> anniversary



In 2020, Klingele celebrated its 100th anniversary. In those 100 years, the company grew from a small family business into a multinational enterprise, all thanks to the Klingele family and the dedication of the packaging Group's thousands of employees. Therefore, Klingele decided to celebrate its centennial anniversary by giving back to its employees' local communities. The company launched the "100 years for each other" charity campaign, donating more than €50.000 to people and projects in Germany, the Netherlands and Spain.





#### **Employees suggest donations for** local initiatives

The goal of the "100 years for each other" campaign was to support 100 projects in the company's 100th anniversary year. To achieve this objective, the paper and packaging manufacturer decided to involve and engage its employees. All Klingele employees in Germany, the Netherlands and Spain were invited to suggest projects from their personal lives, their clubs or non-profit organizations.

In the end, more than 110 projects received donations worth between €150 and €500. The supported projects ranged from the purchase of jerseys and balls for a children's football team to animal welfare projects, from support for educational initiatives to medical healthcare projects. With this heartfelt donation project, the company was able to make a lot of people happy, from East Frisia to the Canary Islands, while contributing to the general sense of belonging among Klingele employees.

#### Supporting a mobile hospice group in Germany

Ludger Beische from Klingele's corrugated board plant in Werne warmly recommended Werne's mobile hospice group. This group of volunteers helps out families of critically and terminally ill people. They listen, they talk, they take over tedious tasks, etc.

The group could use some financial support to help pay for the maintenance of its office space, to reimburse travel expenses and, in particular, to send its volunteers to training courses and workshops. "Training

our volunteers is important, but unfortunately, good external workshops are expensive," explains Annette Alfermann, who coordinates the hospice group. "Therefore, we see the donation as an appreciation of the work our team has been and is doing, and we are very happy about it."



Klingele's donation of €250 made all the difference. It enabled us to provide four elementary and two high schools with disinfectant liquids, as well as refills. I was very happy that my employer helped me create safe classrooms in my home town.

- Karina Crespo Suárez from Klingele's Spanish branch in Ondunova

#### **Helping Catalan schools buy** disinfectants

The fundraiser was launched in the midst of the coronavirus pandemic. Hence, the campaign also supported initiatives to protect local communities against the virus. For instance, the project that was submitted by Karina Crespo Suárez from Klingele's Spanish branch in Ondunova. She lives in the city of Sitges, Catalonia. "On 14 September 2020, local schools reopened their doors. In order to comply with the hygiene requirements, the schools needed enough disinfectant. Unfortunately, our town did not have sufficient funds," explains Karina Crespo Suárez. "Klingele's donation of €250 made all the difference. It enabled us to provide four elementary and two high schools with disinfectant liquids, as well as refills. I was very happy that my employer helped me create safe classrooms in my home town."





## **PEOPLE**

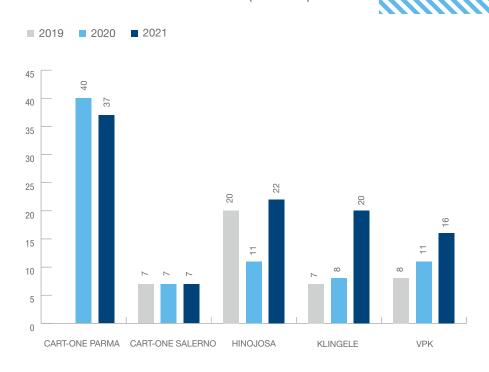
**F** 

## **Cultivating** talents and skills, internally and externally

A company's overall performance is highly dependent on the skills of its employees. For this reason, the Blue Box Partners continuously invest in the education and training of people, both inside and outside the company walls. They engage in external training programmes to attract and prepare new talent for jobs in the packaging sector. And, once onboarded, our companies continue to train and develop their employees' talents to further empower them and expand their career possibilities.



#### HOURS OF TRAINING PER EMPLOYEE (AVERAGE)







## **PEOPLE**

**F** 

#### TRAINING AND EDUCATION

Hours of training per employee	Cart-One Salerno	Cart-One Parma	Hinojosa	Klingele	VPK
2019					
Female	/	6	27	7	8
Male	/	7	12	7	7
Blue collar	/	6	12	7	6
White collar	/	8	21	8	13
2020					
Female	79	6	10	8	10
Male	/	7	11	9	12
Blue collar	/	8	11	8	12
White collar	/	5	10	11	13
2021					
Female	73	7	25	26	14
Male	/	7	18	15	17
Blue collar	/	7	16	19	15
White collar	/	7	26	9	17



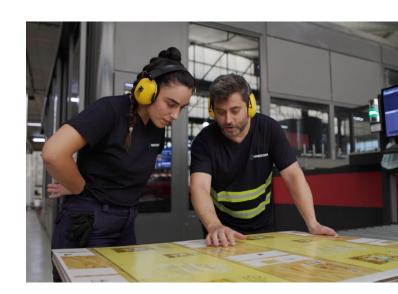


## **PEOPLE**

## Hinojosa Packaging **Group sees first class** of 11 students graduate from its Dual **Vocational Training Course in Graphic Printing**

After two years and more than 2.000 training hours, the first class of 11 students graduated from the **Dual Vocational Training Course in** Graphic Printing in Valencia, Spain. The course, promoted by Hinojosa Packaging Group, helps train young people in the skills necessary for this industry and, in this way, favours their insertion in the labour market.

Hinojosa is a company strongly committed to quality education and decent work for its employees. In fact, the company is aligned with the United Nations' Sustainable Development Goal 8, which focuses on the economic and social progress of people, companies and countries. As part of this commitment, Hinojosa promotes the first Dual Vocational Training Course in Graphic Printing in Valencia, Spain.





The course consists of a specialized training programme that helps young people master all the printing techniques that are applied in the packaging sector: offset, flexo, high quality and digital.





With this programme, Hinojosa Packaging Group is making a major effort to develop a curriculum aligned with the needs of the sector, as well as to train the 16 tutors that have been appointed by Hinojosa to accompany these young men and women in their learning process.

#### Two years and more than 2.000 training hours

The entire programme spans two years and more than 2.000 theoretical-practical training hours. The theoretical training is organized in cooperation with La Costera Professional Training Institute, located in Xàtiva, Valencia. During the practical part of the programme, the students are trained at the Hinojosa Packaging Xàtiva and Cartonajes Bernabeu plants.

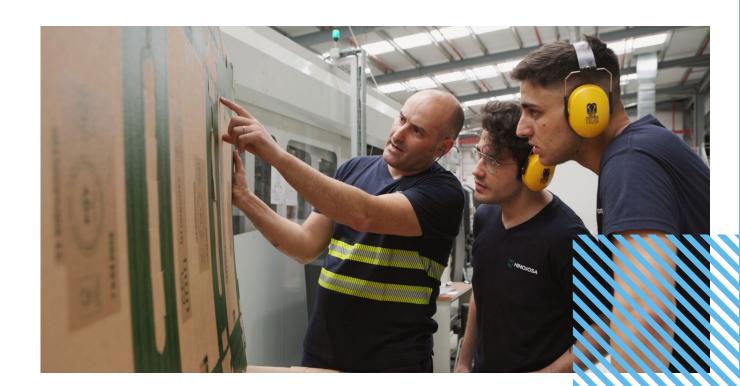
#### Offering permanent employment

On 22 June 2022, the first 11 students completed the Dual Vocational Training Course in Graphic Printing. Upon graduation, they were given the opportunity to obtain a permanent employment contract at the Hinojosa plants. Meanwhile, 8 students have entered their second year of the training programme, and another 11 students have just started their two-year programme.

Given the successful experience of this first Dual Vocational Training, the Hinojosa Packaging Group is currently looking into extending this training programme to other regions, including other Hinojosa plants.



With this programme, Hinojosa Packaging Group is making a major effort to develop a curriculum aligned with the needs of the sector, as well as to train the 16 tutors that have been appointed by Hinojosa to accompany these young men and women in their learning process.





## Annex

#### **Overview of certificates**

Company	Division	Plant name	ISO9001	ISO14001	OH- SAS18001 / ISO45001	ISO5001	FSC®	PEFC	C2C	BRC	ISO22000	ISO 14006 (Ecodesign)	ISO 18604 (Recyclability)	Zero waste	GMP	ECOVADIS
Cart-One Parma	CORRUGATED	San Polo	•				•									
Cart-One Parma	CORRUGATED	Mezzani	•	•			•				•					
Cart-One Salerno	CORRUGATED	Antonio Sada & figli		•			•	•		AA						
Cart-One Salerno	CORRUGATED	Sabox		•			•	•								
Cart-One Salerno	CORRUGATED	Sifim		•			•	•								
Hinojosa	CORRUGATED	Xàtiva	•	•		•	•			Α				•		
Hinojosa	CORRUGATED	Pacs	•	•			•			Α						
Hinojosa	CORRUGATED	Sarrià Packaging	•													
Hinojosa	CORRUGATED	Cardedeu					•									
Hinojosa	CORRUGATED	Vegabaja Packaging	•							B+						
Hinojosa	CORRUGATED	Guadalajara	•				•									
Hinojosa	CORRUGATED	Córdoba								В						
Hinojosa	CORRUGATED	Vigo	•							Α						
Hinojosa	CORRUGATED	Valladolid								В						
Hinojosa	CORRUGATED	Cartonajes Bernabeu								В						
Hinojosa	CORRUGATED	Onduflex								AA						
Hinojosa	CORRUGATED	Graphicsleader														
Hinojosa	CORRUGATED	Galería Gráfica								В						
Hinojosa	CORRUGATED	AE Saint Vulbas														
Hinojosa	CORRUGATED	AE Compiègne								В						
Hinojosa	CORRUGATED	AE Brive														
Hinojosa	CORRUGATED	Cipasi														
Hinojosa	PAPER	Alqueria														
Hinojosa	PAPER	Sarrià Paper														
Hinojosa	PAPER	Varennes														
Klingele	CORRUGATED	Remshalden								AA						
Klingele	CORRUGATED	Delmenhorst								AA+						
Klingele	CORRUGATED	Hilpoltstein								AA						
Klingele	CORRUGATED	Werne								AA+						
Klingele	CORRUGATED	Wunsiedel														
Klingele	CORRUGATED	Nijmegen								Α						
Klingele	CORRUGATED	Wolverhampton														
Klingele	CORRUGATED	Villmar	_													
Klingele	CORRUGATED	Embalajes Canarias														
Klingele	CORRUGATED	Ondunova	-													
Klingele	CORRUGATED	Nouakchott	_				_									
Klingele	CORRUGATED	Noudhibou														
Klingele	CORRUGATED	Baillif	_	_		_	_									
Klingele	PAPER	Weener	- :	•		•	•									
Klingele	PAPER	Nova Campina	•				•									

Company	Division	Plant name	ISO9001	ISO14001	OH- SAS18001 / ISO45001	ISO5001	FSC®	PEFC	C2C	BRC	ISO22000	ISO 14006 (Ecodesign)	ISO 18604 (Recyclability) Zero waste	GMP	ECOVADIS
VPK Group	CORRUGATED	Andelle	•				•								gold
VPK Group	CORRUGATED	Aquila Leinefelde					•								
VPK Group	CORRUGATED	Bäckefors	•	•			•								silver
VPK Group	CORRUGATED	Banbury													
VPK Group	CORRUGATED	Borgenhaugen_Display													
VPK Group	CORRUGATED	Brzeg Aquila VPK													gold
VPK Group	CORRUGATED	Corrboard Scunthorpe													
VPK Group	CORRUGATED	Courcelles													
VPK Group	CORRUGATED	Desborough		•			•			AA					silver
VPK Group	CORRUGATED	Distribution													gold
VPK Group	CORRUGATED	East Kilbride													
VPK Group	CORRUGATED	Erembodegem								Α					silver
VPK Group	CORRUGATED	Groisy													gold
VPK Group	CORRUGATED	Halden								В					
VPK Group	CORRUGATED	Leeds													
VPK Group	CORRUGATED	Les Echets													gold
VPK Group	CORRUGATED	Limerick								AA					
VPK Group	CORRUGATED	Lisieux													gold
VPK Group	CORRUGATED	Lomme_Lille													gold
VPK Group	CORRUGATED	Longjumeau													gold
VPK Group	CORRUGATED	Norrköping								Α					silver
VPK Group	CORRUGATED	Oudegem								Α					gold
VPK Group	CORRUGATED	Raamsdonksveer													gold
VPK Group	CORRUGATED	Radomsko Aquila VPK								AA					gold
VPK Group	CORRUGATED	Randers								AA					gold
VPK Group	CORRUGATED	Roye					*								gold
VPK Group	CORRUGATED	Saint-Quentin					*			Α					gold
VPK Group	CORRUGATED	Salonta								AA					gold
VPK Group	CORRUGATED	Selby								AA					silver
VPK Group	CORRUGATED	Sykkylven													
VPK Group	CORRUGATED	Tourcoing													gold
VPK Group	CORRUGATED	Viallon													
VPK Group	CORRUGATED	Wellington								AA					silver
VPK Group	CORRUGATED	Wrzesnia Aquila													
VPK Group	PAPER	Blue Paper													
VPK Group	PAPER	Oudegem													
VPK Group	PAPER	Pori (corex)													
VPK Group	PAPER	Board Atlantic (corex)													
		, ,													

#### **GRI Content Index**

#### GRI 102 GENERAL DISCLOSURES

ORGANIZATIONAL PROFILE       102-1     Name of the organization     p.2       102-2     Activities, brands, products, and services     p.6       102-3     Location of headquarters     p.2       102-4     Location of operations     p.13       102-6     Markets served     p.10       102-7     Scale of the organization     p.11       102-8     Information on employees and other workers     p.42-43       102-9     Supply chain     p.14       102-12     External initiatives     p.44       102-13     Memberships of associations     p.10       STRATEGY       102-14     Statement from the senior decision-maker     p.5       102-15     Key impacts, risks, and opportunities     p.5       ETHICS AND INTEGRITY       102-16     Values, principles, standards and norms of behavior     p.7-8       STAKEHOLDER ENGAGEMENT       102-41     Collective bargaining agreements     p.43       REPORTING PRACTICE       102-47     List of material topics     p.17       102-50     Reporting period     p.2	GRI STANDARD		REFERENCE	OMISSION
102-2 Activities, brands, products, and services p.6 102-3 Location of headquarters p.2 102-4 Location of operations p.13 102-6 Markets served p.10 102-7 Scale of the organization p.11 102-8 Information on employees and other workers p.42-43 102-9 Supply chain p.14 102-12 External initiatives p.44 102-13 Memberships of associations p.10  STRATEGY 102-14 Statement from the senior decision-maker p.5 102-15 Key impacts, risks, and opportunities p.5  ETHICS AND INTEGRITY 102-16 Values, principles, standards and norms of behavior p.7-8  STAKEHOLDER ENGAGEMENT 102-41 Collective bargaining agreements p.43  REPORTING PRACTICE 102-47 List of material topics p.17 102-50 Reporting period p.2	ORGANIZATIO	ONAL PROFILE		
102-3 Location of headquarters p.2 102-4 Location of operations p.13 102-6 Markets served p.10 102-7 Scale of the organization p.11 102-8 Information on employees and other workers p.42-43 102-9 Supply chain p.14 102-12 External initiatives p.44 102-13 Memberships of associations p.10  STRATEGY 102-14 Statement from the senior decision-maker p.5 102-15 Key impacts, risks, and opportunities p.5  ETHICS AND INTEGRITY 102-16 Values, principles, standards and norms of behavior p.7-8  STAKEHOLDER ENGAGEMENT 102-41 Collective bargaining agreements p.43  REPORTING PRACTICE 102-47 List of material topics p.2	102-1	Name of the organization	p.2	
102-4 Location of operations p.13 102-6 Markets served p.10 102-7 Scale of the organization p.11 102-8 Information on employees and other workers p.42-43 102-9 Supply chain p.14 102-12 External initiatives p.44 102-13 Memberships of associations p.10  STRATEGY 102-14 Statement from the senior decision-maker p.5 102-15 Key impacts, risks, and opportunities p.5  ETHICS AND INTEGRITY 102-16 Values, principles, standards and norms of behavior p.7-8  STAKEHOLDER ENGAGEMENT 102-41 Collective bargaining agreements p.43  REPORTING PRACTICE 102-47 List of material topics p.17 102-50 Reporting period p.11	102-2	Activities, brands, products, and services	p.6	
102-6 Markets served p.10 102-7 Scale of the organization p.11 102-8 Information on employees and other workers p.42-43 102-9 Supply chain p.14 102-12 External initiatives p.44 102-13 Memberships of associations p.10  STRATEGY 102-14 Statement from the senior decision-maker p.5 102-15 Key impacts, risks, and opportunities p.5 ETHICS AND INTEGRITY 102-16 Values, principles, standards and norms of behavior p.7-8  STAKEHOLDER ENGAGEMENT 102-41 Collective bargaining agreements p.43  REPORTING PRACTICE 102-47 List of material topics p.17 102-50 Reporting period p.2	102-3	Location of headquarters	p.2	
102-7 Scale of the organization p.11 102-8 Information on employees and other workers p.42-43 102-9 Supply chain p.14 102-12 External initiatives p.44 102-13 Memberships of associations p.10  STRATEGY 102-14 Statement from the senior decision-maker p.5 102-15 Key impacts, risks, and opportunities p.5  ETHICS AND INTEGRITY 102-16 Values, principles, standards and norms of behavior p.7-8  STAKEHOLDER ENGAGEMENT 102-41 Collective bargaining agreements p.43  REPORTING PRACTICE 102-47 List of material topics p.17 102-50 Reporting period p.2	102-4	Location of operations	p.13	
Information on employees and other workers  p.42-43  102-9  Supply chain  p.14  102-12  External initiatives  p.44  102-13  Memberships of associations  p.10  STRATEGY  102-14  Statement from the senior decision-maker  p.5  102-15  Key impacts, risks, and opportunities  p.5  ETHICS AND INTEGRITY  102-16  Values, principles, standards and norms of behavior  p.7-8  STAKEHOLDER ENGAGEMENT  102-41  Collective bargaining agreements  p.43  REPORTING PRACTICE  102-47  List of material topics  p.17  102-50  Reporting period  p.2	102-6	Markets served	p.10	
102-9 Supply chain p.14  102-12 External initiatives p.44  102-13 Memberships of associations p.10  STRATEGY  102-14 Statement from the senior decision-maker p.5  102-15 Key impacts, risks, and opportunities p.5  ETHICS AND INTEGRITY  102-16 Values, principles, standards and norms of behavior p.7-8  STAKEHOLDER ENGAGEMENT  102-41 Collective bargaining agreements p.43  REPORTING PRACTICE  102-47 List of material topics p.17  102-50 Reporting period p.2	102-7	Scale of the organization	p.11	
102-12 External initiatives p.44 102-13 Memberships of associations p.10  STRATEGY  102-14 Statement from the senior decision-maker p.5 102-15 Key impacts, risks, and opportunities p.5  ETHICS AND INTEGRITY  102-16 Values, principles, standards and norms of behavior p.7-8  STAKEHOLDER ENGAGEMENT  102-41 Collective bargaining agreements p.43  REPORTING PRACTICE  102-47 List of material topics p.17  102-50 Reporting period p.2	102-8	Information on employees and other workers	p.42-43	
Top-13 Memberships of associations p.10  STRATEGY  102-14 Statement from the senior decision-maker p.5  102-15 Key impacts, risks, and opportunities p.5  ETHICS AND INTEGRITY  102-16 Values, principles, standards and norms of behavior p.7-8  STAKEHOLDER ENGAGEMENT  102-41 Collective bargaining agreements p.43  REPORTING PRACTICE  102-47 List of material topics p.17  102-50 Reporting period p.2	102-9	Supply chain	p.14	
STRATEGY  102-14 Statement from the senior decision-maker p.5  102-15 Key impacts, risks, and opportunities p.5  ETHICS AND INTEGRITY  102-16 Values, principles, standards and norms of behavior p.7-8  STAKEHOLDER ENGAGEMENT  102-41 Collective bargaining agreements p.43  REPORTING PRACTICE  102-47 List of material topics p.17  102-50 Reporting period p.2	102-12	External initiatives	p.44	
102-14 Statement from the senior decision-maker p.5  102-15 Key impacts, risks, and opportunities p.5  ETHICS AND INTEGRITY  102-16 Values, principles, standards and norms of behavior p.7-8  STAKEHOLDER ENGAGEMENT  102-41 Collective bargaining agreements p.43  REPORTING PRACTICE  102-47 List of material topics p.17  102-50 Reporting period p.2	102-13	Memberships of associations	p.10	
102-15 Key impacts, risks, and opportunities p.5  ETHICS AND INTEGRITY  102-16 Values, principles, standards and norms of behavior p.7-8  STAKEHOLDER ENGAGEMENT  102-41 Collective bargaining agreements p.43  REPORTING PRACTICE  102-47 List of material topics p.17  102-50 Reporting period p.2	STRATEGY			
ETHICS AND INTEGRITY  102-16 Values, principles, standards and norms of behavior p.7-8  STAKEHOLDER ENGAGEMENT  102-41 Collective bargaining agreements p.43  REPORTING PRACTICE  102-47 List of material topics p.17  102-50 Reporting period p.2	102-14	Statement from the senior decision-maker	p.5	
102-16 Values, principles, standards and norms of behavior p.7-8  STAKEHOLDER ENGAGEMENT  102-41 Collective bargaining agreements p.43  REPORTING PRACTICE  102-47 List of material topics p.17  102-50 Reporting period p.2	102-15	Key impacts, risks, and opportunities	p.5	
STAKEHOLDER ENGAGEMENT  102-41 Collective bargaining agreements p.43  REPORTING PRACTICE  102-47 List of material topics p.17  102-50 Reporting period p.2	ETHICS AND	INTEGRITY		
102-41 Collective bargaining agreements p.43  REPORTING PRACTICE  102-47 List of material topics p.17  102-50 Reporting period p.2	102-16	Values, principles, standards and norms of behavior	p.7-8	
REPORTING PRACTICE  102-47 List of material topics p.17  102-50 Reporting period p.2	STAKEHOLDI	ER ENGAGEMENT		
102-47 List of material topics p.17 102-50 Reporting period p.2	102-41	Collective bargaining agreements	p.43	
102-50 Reporting period p.2	REPORTING	PRACTICE		
	102-47	List of material topics	p.17	
	102-50	Reporting period	p.2	
102-51 Date of most recent report p.2	102-51	Date of most recent report	p.2	
102-52 Reporting cycle p.2	102-52	Reporting cycle	p.2	
102-53 Contact point for questions regarding the report p.2	102-53		p.2	
102-54 Claims of reporting in accordance with the GRI-standards p.2	102-54		p.2	
102-55 GRI content index p.53	102-55	GRI content index	p.53	

#### **GRI Content Index**

#### MATERIAL TOPICS

GRI STANDARD		REFERENCE	OMISSION
ENVIRONMEN <sup>T</sup>	TAL		
ENERGY			
302-1	Energy consumption within the organization	p.19	
302-3	Energy intensity	p. 8-19	
302-4	Reduction of energy consumption	p.19	
<b>EMISSIONS</b>			
305-1	Direct (Scope 1) GHG emissions	p.34	
305-2	Energy indirect (Scope 2) GHG emissions	p.34	
305-4	GHG emissions intensity	p.35	
SUSTAINABL	E AND CIRCULAR		
306-1	Waste generation and significant waste-related impacts	p.31-32	
306-2	Management of significant waste-related impacts	p.31-32	
306-3	Waste generated	p.30	
306-4	Waste diverted from disposal	p.30	
306-5	Waste directed to disposal	p.30	
SOCIAL			
OCCUPATION	NAL HEALTH AND SAFETY		
403-9	Work related injuries	p.39	
-	Work related hazards and incidents	p.38	
TRAINING AN	ND EDUCATION		
404-1	Average hours of training per year per employee	p.46	

#### FREELY DEFINED MATERIAL TOPICS

EMPLO'	EMPLOYEE WELLBEING								
-	employee engagement survey	p.42							
CUSTO	MER HEALTH AND SAFETY								
-	Number of GFSI certified sites	p.26							
ECONO	ECONOMIC PERFORMANCE								
-	Economic growth	p.22							
-	Innovation and progress	p.23							



## GET TO KNOW US BETTER

Blue Box Partners EEIG Kareelstraat 108 · 9300 Aalst · Belgium www.blueboxpartners.eu contact@blueboxpartners.eu

