

OUR SUSTAINABILITY PROGRESS

2023



OUR COMMITMENT

Dear Partner,

We have been managing the social, environmental and economic impact of our business activities in a highly responsible manner for many years. Rather than just talking about sustainability as a goal to pursue, it shapes our decision-making in all business areas.

It therefore goes without saying that we adhere to the required safety regulations at all of our locations in order to protect the health of our employees. We take the same responsible approach when it comes to the environment, natural resources and our carbon footprint. We are guided by global as well as local environmental guidelines, applying the latest technologies in our production areas and minimising emissions into the air and water by regularly servicing, modernising and optimising our equipment to reduce energy consumption.

This helps us to make a major contribution to the survival and sustainable development of the entire industry and preserve a livable environment.



Drazen Babic

Executive Board, Janoschka AG



"The responsible approach to environment and humankind is an indispensable and natural part of our corporate culture."

IN A NUTSHELL

FOUNDED

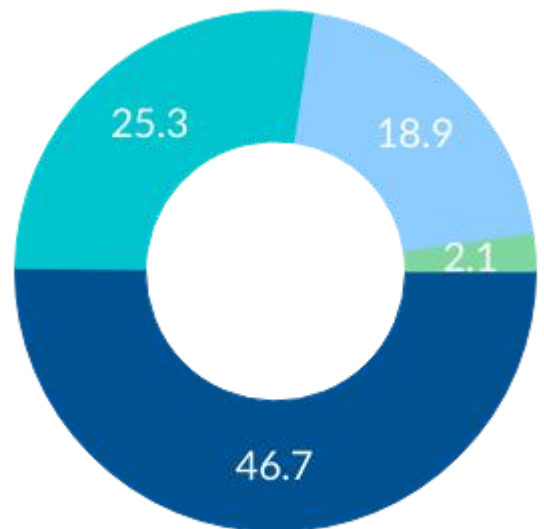
1976

NET REVENUE

93 Mio €

BUSINESS UNITS

- **Flexible Packaging**
- **Special Carton**
- **Brands**



Western Europe Eastern Europe
 ASPAC Americas

GLOBAL PARTNER

A COMMON GOAL

Currently around 1.700 employees around the world take responsibility for environment and society.

Janoschka is among the global market leaders in its sector providing integrated prepress solutions for the FMCG packaging industry, food and non-food. Along the whole process of a packaging production, customers benefit from in-depth market expertise and tailored product portfolio reaching from design to print.

Janoschka has a comprehensive product range including printing tools for gravure and flexo printing, embossing cylinders, graphic services, cylinder bases and much more.

Linked2Brands, the brand agency and 100% Janoschka spin-off, has more than twenty-five years of experience and solid know-how in the world of brand presentation at various touch points. The brand guardians of Linked2Brands ensure not only a smooth execution of printed packaging on a physical shelf, but also the consistent brand representation for e-commerce.



Janoschka, formed in 1976, has its headquarters in Germany and is represented globally through 24 subsidiaries in 13 countries today in Europe, South and Central America and South-East Asia.

A LIFE-TIME PRODUCT

GRAVURE IS SUSTAINABLE

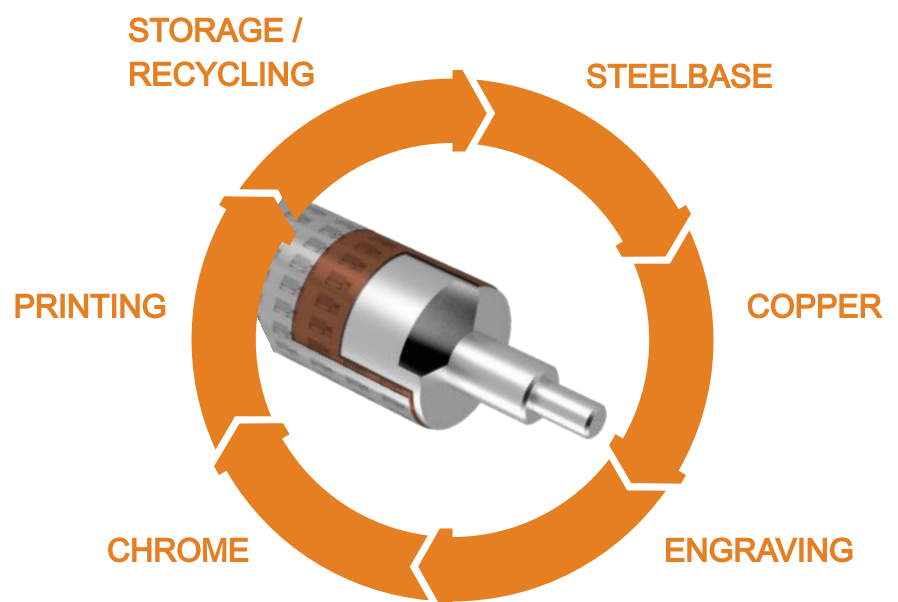
Gravure printing offers great potential for the circular economy: its major ecological advantages are the reusability of the print tool (base cylinder) and closed material cycles which enhances the sustainability of the gravure process.

After the print production, the finished cylinder with its steel core is stored for the next print run. If the printed design is no longer required for printing, the base can be used for a new design. The cycle can be carried out as often as required, as steel bases practically never wear out.

Gravure printing stands out, when looking at the individual raw materials used in the cycle, for its high recycling rate.

All raw materials used are either recycled or reused. It is therefore hardly possible to speak of any environmental impact in the pre-press process.

In the gravure tooling production process, work is nowadays carried out in closed systems that are virtually emission-free.



sources:
Strengths and ecological aspects of gravure printing by ERA.
Gravure printing and sustainability by Leipzig University (HTWK).

RESPONSIBLE PRODUCTION



240t CO² saved

VALUABLE RAW MATERIAL

Gravure cylinders can be re-used when the job is completed. The old print design and copper layer are first removed in order to then re-apply a fresh copper layer to the cylinder for the next engraving.

This cycle of use and re-use prompted us to go one step further. In cooperation with a university, Janoschka developed a unique recycling process to extract 99.98% pure copper.

Using this process, Janoschka already processes six to eight tonnes of copper per month for recycling at its Turkish site. Further recycling hubs within Janoschka Group are on the mid-term agenda.

In addition to this important cycle of recycling a valuable raw material, we feel obliged to set further standards in terms of sustainability.

Janoschka is the first company in the printing industry to become a Copper Mark partner. By committing to this leading assurance framework, Janoschka supports the goals of Copper Mark, in particular regarding responsibly produced, sourced, and recycled copper available to society along the entire supply chain.



ON THE RIGHT TRACK

CONTINUOUS IMPROVEMENT

Integrated within a comprehensive production and value chain, EcoVadis helps us to select suppliers and service providers upstream as well as downstream, who are aligned with our own sustainability standards.

By undergoing such certification, we can improve some key elements to maintain the future viability of our company, including our social, ecological, ethical and economic services, as well as reduce our carbon footprint.

The former evaluations of EcoVadis for Janoschka and Linked2Brands have shown that we are on the right track.

The current EcoVadis approval is still ongoing.



The EcoVadis Silver Medal for Janoschka Deutschland

The EcoVadis Bronze Medal for Janoschka Malaysia

CREATING AWARENESS

ENERGY SCOUTS

Our Energy Scouts provide us with an unobstructed view of our energy consumption and resource conservation.

As part of the European climate protection initiative "Project Young Energy Europe", trainees apply themselves as 'Climate Champions', assessing their employers' businesses for areas of potential energy savings and developing proposals on how to better exploit those.

In our case, the Energy Scouts team developed a campaign to raise awareness among Janoschka staff for a more responsible use of energy and water.



“Protecting the environment and reducing CO² emissions concerns us all, and we can all do our bit. We think it's brilliant that, as trainees, we can actively bring in our own ideas and suggestions. The campaign to raise awareness among staff to conserve resources such as water and electricity was very successful. What could motivate us more.”

SAVING & GENERATING

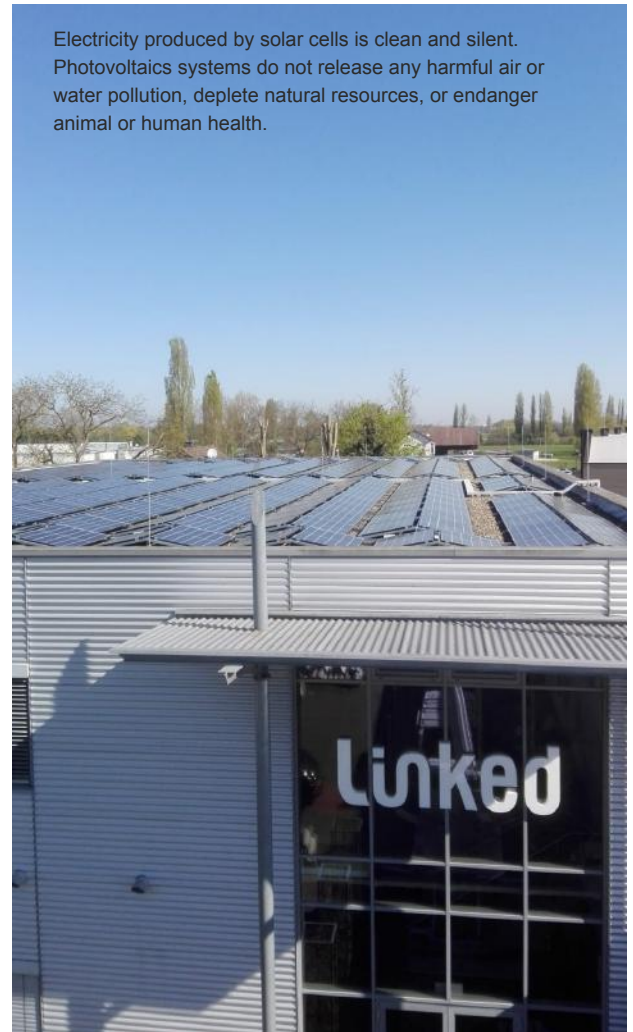
 **1,400t** CO² saved

SOLAR PANELS

Saving energy in itself is not enough, which is why we have been generating our own electricity at our largest facility in Germany since 2020.

With around 3,300 m² of solar panels, producing around 700 MWh in 2023, we are reducing our CO² emissions by around 500 tonnes per year.

Electricity produced by solar cells is clean and silent. Photovoltaics systems do not release any harmful air or water pollution, deplete natural resources, or endanger animal or human health.



values refer to Kippenheim site

SAVING & GENERATING



400t CO² saved

LED LIGHTING

When it comes to electricity, every watt counts.

We have therefore converted the lighting for the entire cylinder production as well as exterior areas to energy-saving LED lights at our Kippenheim site.

This energy-saving measure alone is saving >65% of the energy needed and is reducing our carbon footprint by around 320t CO² annually.



DRIVE DIGITIZATION

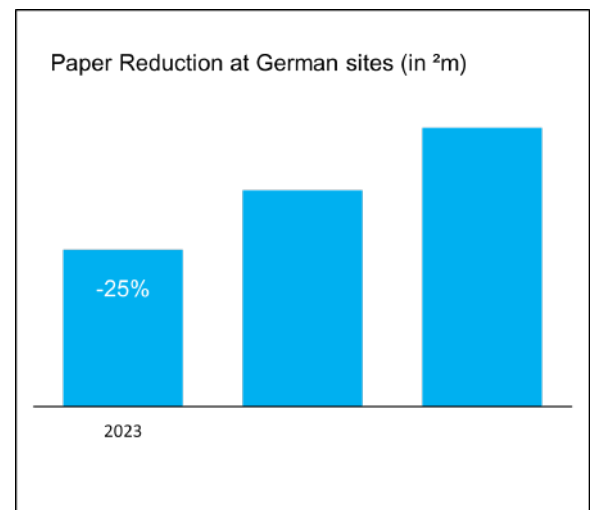
 **100kg** CO² saved

GO FOR DIGITIZATION

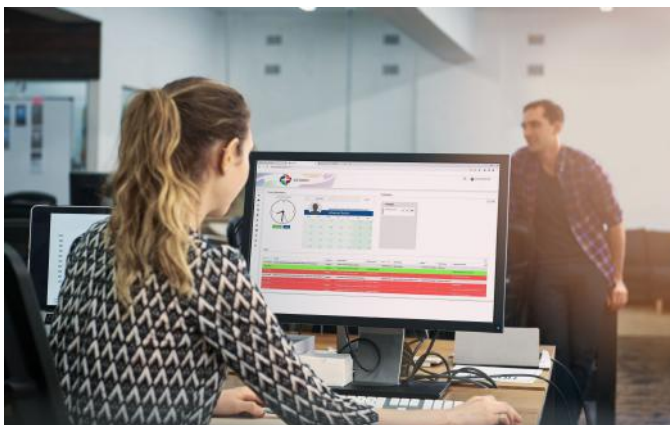
Be it in production or at the graphic department: Waste needs to be avoided wherever and whenever possible.

Digital working is a key part of daily life at Janoschka, too. Our workflow and IT landscape connects parallel production processes, bringing all project participants together.

Platforms, interfaces and cloud-based software enable us to work virtually with all project partners at any time, whilst making production processes transparent.



Digital proofing and approval processes avoid printing and shipment.



SAVE RESOURCES



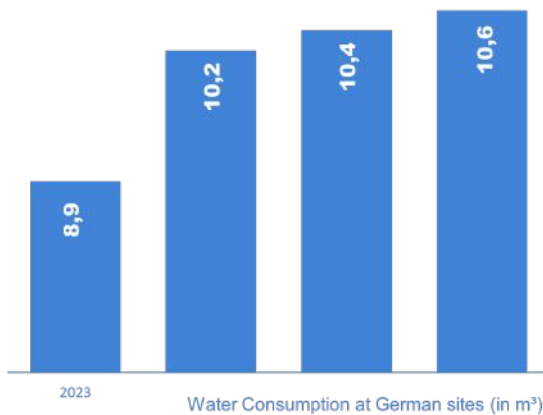
>20t CO² saved

THE MOST IMPORTANT RESOURCE ON EARTH

We see water as a valuable natural resource, indispensable for food, people and the planet.

Besides updating production technologies we constantly strive to evaluate our processes in all production areas. By implementing selective and resource-saving machines, operations and material, we could successfully reduce our fresh water consumption by 10% in the past.

Moreover, a closed water cycle ensures a further reduction of fresh and waste water. The re-use of water is one of our latest projects.



Janoschka supports well project

Uganda is one of the world's poorest nations and lacks wells to provide easy access to clean water. People are forced to use contaminated surface water as drinking water, making serious illness a harsh reality for many inhabitants.

This project supports access to clean drinking water in three rural Ugandan provinces, reducing carbon emissions caused by boiling contaminated surface water and contributing to the protection of the forests. Janoschka provides financial support for the wells' running costs.

www.klimahnegrenzen.de

MODERN MOBILITY

WE DRIVE GREEN

...and it's going to get even greener. Electric vehicles now make up 30% of our entire vehicle fleet. We are taking giant steps in migrating from fossil fuels to renewable energies, drastically reducing our carbon footprint.

This is largely thanks to the charging stations on our premises that provide power generated on our own roofs, and there is plenty more to go round.



We sponsor bikes for our staff, supporting their fitness and health and showing our appreciation for them.

This modern mobility concept also highlights our common goal for a responsible approach to the environment and the use of natural resources.

> 20% employees in Germany profit of this offer.

WE ARE DEDICATED

TOGETHER

Besides our experts for quality and continuous improvement, we have installed dedicated CO² teams to constantly follow-up and review the success of newly implemented processes and actions.

Directly reporting to management those teams act as "enabler" to penetrate the environmental and sustainable idea into the whole organization.

The annual Janoschka Kaizen competition on group level may also trigger improvements in sustainability matters relating to quality and process related changes.



RESEARCH & DEVELOPMENT

A GLOBAL MARKET LEADER

Ever since our beginnings in the late 1970s we have been dedicated to innovation. As a market leader in prepress and printing tooling for the packaging industry, we take strong efforts in having our share in the industry's approach of searching for alternatives and improvements. This is our responsibility for employees, society and nature.

At our R&D Center we continuously do researches on

- material recycling and re-use
- alternative printing substrates for circular economy
- Chrome VI substitutes
- industry process standardization

Our latest achievements are (Beta version)

- ➔ **Cylinder Scan System**
 - saving consumables
 - reduction of proof printing

- ➔ **Cylinder Diameter Change**
 - innovative coating as replacement for chrome / electroplating



INDUSTRY SUPPORT

WE TAKE OUR PART

As a partner of the packaging supply chain, we actively involve ourselves in leading industry associations.

Together with the ERA and its active members, we push sustainability issues related to packaging materials focusing on the environmental footprints of various printing technologies and its Life Cycle Assessment.

The ERA, founded in 1956, has developed into the leading international organisation of the gravure industry. It is a non-profit organisation dedicated to supporting users of the gravure printing process.



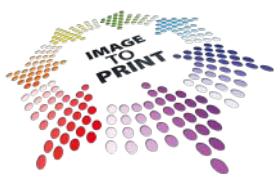
"The packaging industry is currently making a u-turn influenced by legislation, trends and consumers' awareness. One ERA attempt is to support the industry with validated standards and trainings."

Alexander Janoschka, ERA Board Member

PARTNERSHIPS

WE INVOLVE OURSELVES

Ever since our beginnings in the late 1970s we have been dedicated to innovation. As a market leader in prepress and printing tooling for the packaging industry, we take strong efforts in having our share in the industry's approach of searching for alternatives and improvements. This is our responsibility for employees, society and nature.



We have been a leading Image-to-Print partner since its beginnings in 2010. The supply chain partners of the "Printing Technology & Innovation Days for Flexible Packaging" give insights into best practices of packaging printing and its dominant technologies rotogravure and flexographic. Circular economy, value adding solutions and digitization are among the topics that are on the partners' agenda.



Since more than two decades, our French subsidiaries have been bearing the 'Imprim' Vert' eco-label, an environmental certification specifically designed for the printing industry. Compliance with the standards and certification criteria is reviewed in regular audits.



Janoschka and Linked2Brands are partner of the "HolyGrail 2.0" project – a project with the aim of making packaging more easily sortable. Aware of our responsibility regarding sustainable packaging, we have joined the quest for the Holy Grail and are contributing our expertise and know-how in the role of an enhancing partner.

FOR OUR COMMUNITY

WE BELIEVE IN PEOPLE

We are a global market leader with a familiar footprint that is continually expanding. Our strength lies in the strong bond and close cooperation of our teams

Janoschka stands for diversity and an inclusive corporate culture, where every member of staff is part of a whole. The knowledge, commitment, qualification and motivation of each team member are deciding factors for joint success.

We consider the education of our people as a social duty. By offering all staff access to education and training we enable them to grow and to develop within their working environment.

Our working environment and daily working life are shaped by cooperation based on trust, appreciation, comprehensive diversity and personal relationships, motivating everyone to achieve remarkable results.

We believe very strongly that every identity and every voice has a right to be heard and respected.

We strive to offer a meaningful work life by offering a workplace with a unique culture, family-friendly working conditions and assistance in physical and mental health.

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Credits

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