



report on our

# SUSTAINABILITY PROGRESS

---

2022

janoschka  
Linked



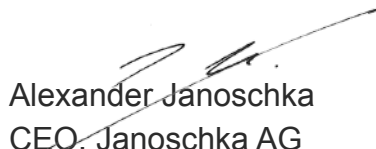
# STATEMENT BOARD OF DIRECTORS

*Dear Reader,*


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 make a major contribution to the survival and sustainable development of the entire industry and preserve a liveable environment.



Alexander Janoschka  
CEO, Janoschka AG



Drazen Babic  
CFO, Janoschka AG



# STATEMENT EXECUTIVE COMMITTEE



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



from left to right: Stefan Hilss (CEO/Linked2Brands), Lutz Braune (CSO/Janoschka Holding), Alexander Janoschka (CEO/Janoschka AG), Drazen Babic (CFO/Janoschka AG), Uthiyakumar Murugaiah (Cluster Director ASPAC/Janoschka Malaysia), Emre Candan (COO/Janoschka Holding)



## OUR GLOBAL APPROACH

### A COMMON GOAL

Currently more than 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 and still family-run, 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.

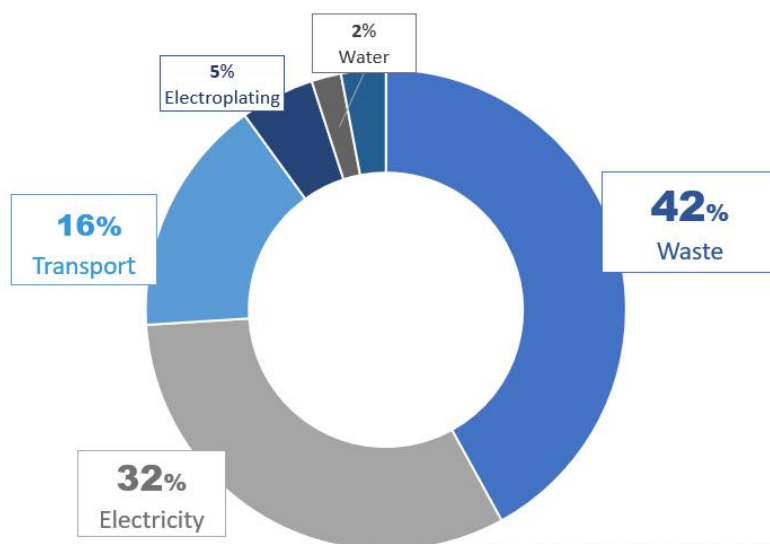
# OUR INDUSTRIAL APPROACH

## ROTOGRAVURE TOOLING

On the one hand, gravure printing tools are extremely durable and can even be recycled. On the other hand, they are responsible for a large part of carbon dioxide emissions.

That is why we are constantly and globally investing into the latest, less energy-intensive devices and processes.

This makes us successful:  
in the past 24 months alone, we have been able to reduce our carbon footprint by 15 percent at the Kippenheim site.



CO2 equivalent rotogravure tooling

**4kg**  
nuclear waste saved

**800 bl.**  
oil kept

**900t**  
CO<sub>2</sub> avoided

**>100**  
trees protected



# ON THE RIGHT TRACK

## AT ONE BLOW

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

This helps us 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.

Local evaluations of EcoVadis in 2022 for Janoschka and Linked2Brands have shown that we are on the right track.



The EcoVadis Silver Medal for Janoschka Deutschland's Sustainability Rating.

The EcoVadis Bronze Medal for Janoschka Malaysia's Sustainability Rating.

# WATER

## THE MOST IMPORTANT RESOURCE ON EARTH

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](http://www.klimahnegrenzen.de)



# SAVING & GENERATING

## 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 m<sup>2</sup> of solar panels, producing around >700 MWh in 2022, we are reducing our CO<sub>2</sub> 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.





# SAVING & GENERATING

## 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 CO<sub>2</sub> annually.





# 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





# CREATING AWARENESS

## 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.





# 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 apprentices, 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."



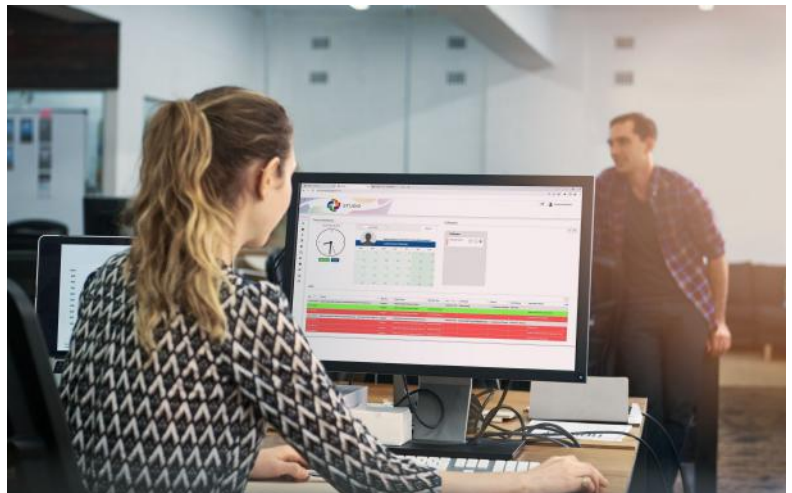
# NO WASTE POLICY

## 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 approving processes avoid printing and shipment.



## RESEARCH & DEVELOPMENT

### A GLOBAL MARKET LEADER

As a global market leader, Janoschka is committed to the ongoing development of new technologies, as well as sustainability. We put words into action and lead by example, reducing the environmental impact of our activities.

Gravure cylinders can be re-used when the job is completed. The old print design and copper layer are first mechanically 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 co-operation with the Materials Engineering department of a university, Janoschka Izmir made a significant investment in the development of a unique recycling process to extract 99.98% pure copper.

The process developed by Janoschka is unique in terms of purity and the ability to recycle tiny nuggets. By now, six to eight tonnes of copper are being recycled at Janoschka Izmir every month. A further two recycling centres within the Janoschka Group are already in the pipeline.

At our group R&D Center we do researches on

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



Our own copper recycling alone results in CO2 savings of > 235t per year.



# PARTNERSHIPS

## WE TAKE PART

Environmental and climate protection are the most pressing global challenges of our age. Saving resources is the order of the day.

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.

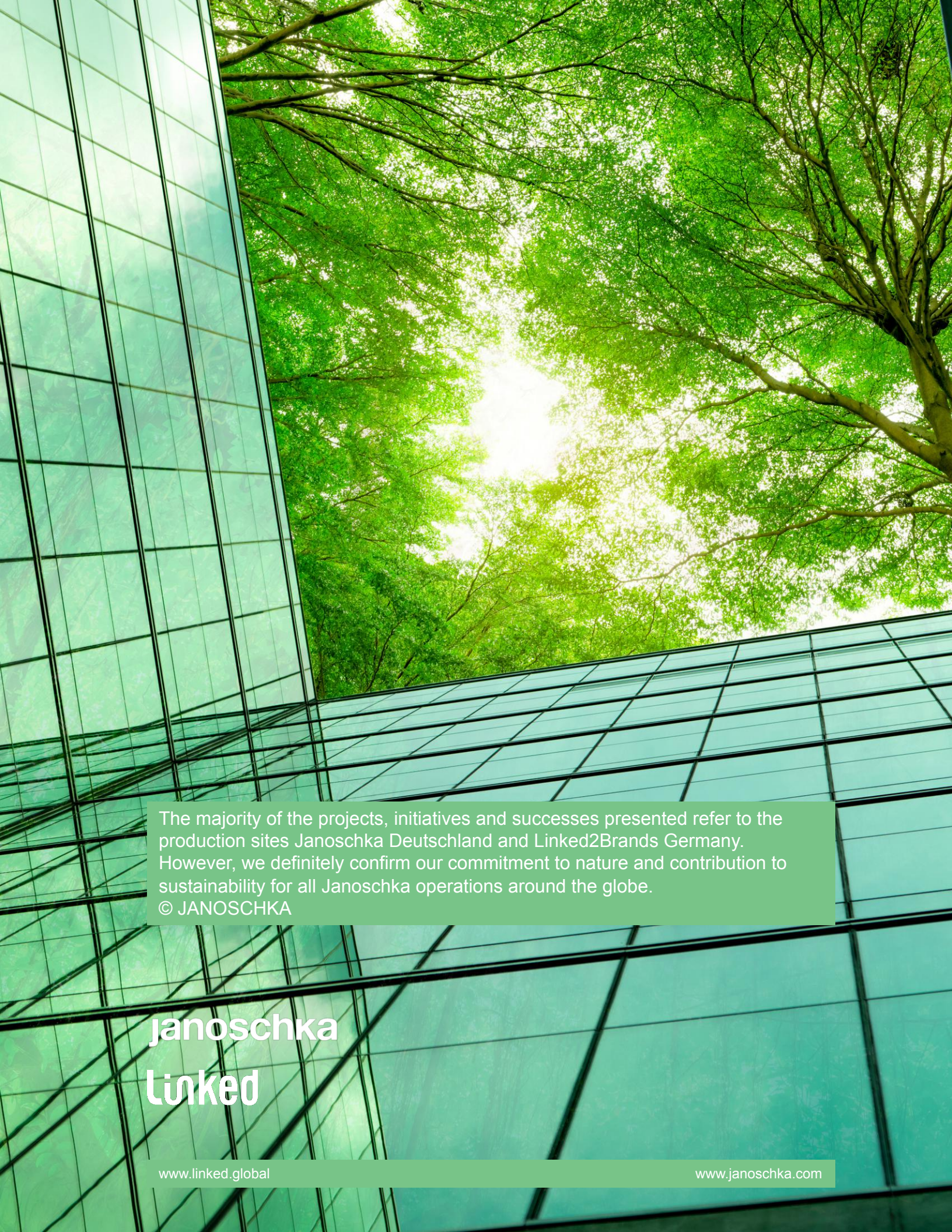
We have been a leading Image-to-Print partner since its beginnings in 2010. The supply chain partners of the "Printing Technology & Innovation Days for Flexible Packaging" give insights into best practices of packaging printing and its dominant technologies rotogravure and flexographic. Circular economy,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





The majority of the projects, initiatives and successes presented refer to the production sites Janoschka Deutschland and Linked2Brands Germany. However, we definitely confirm our commitment to nature and contribution to sustainability for all Janoschka operations around the globe.  
© JANOSCHKA

janoschka  
Linked