



SUSTAINABILITY REPORT

2021

linked

janoschka

STATEMENT BOARD OF DIRECTORS



Alexander Janoschka
CEO, Janoschka AG

Janoschka commits itself to responsible dealings with the environment and people. It is standard practice for us that we comply with the required safety provisions and local and global environmental guidelines in our branches.

By doing so we protect the health of our employees, secure the continued existence of the industry and contribute to the maintenance of an environment that is worth living in.

We apply the latest technologies in all production areas in order to reduce our energy consumption and to minimize emissions in the air and water. Our facilities are state-of-the-art and are regularly maintained and modernised to the highest standards.

Furthermore, environmental protection receives top priority during the optimization of our process technology.

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

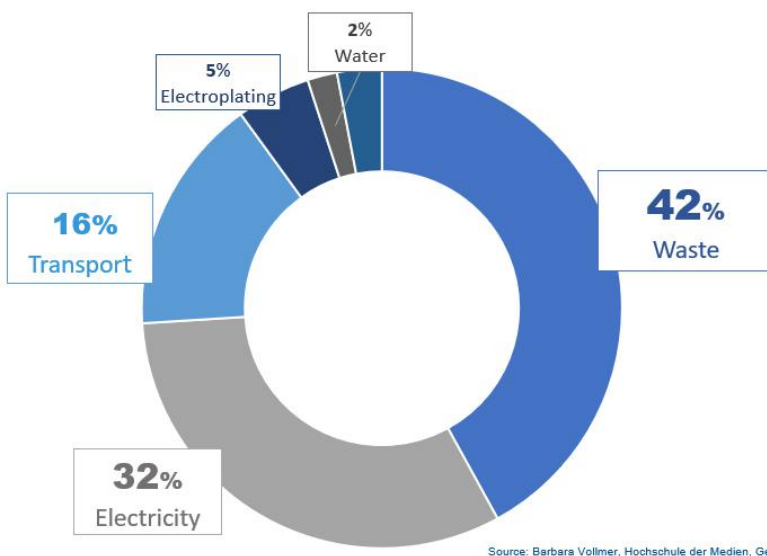
OUR INDUSTRIAL APPROACH

ROTOGRAVURE TOOLING

Janoschka counts among the leading prepress providers for the packaging consumer goods industry (food and non-food).

More than 1.700 employees at 28 production sites take responsibility for environment and society.

CO2 equivalent rotogravure tooling



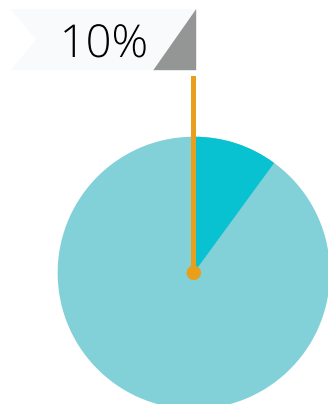
Our sustainability approaches worldwide focus on various options on how to reduce CO2 footprint and save resources by reviewing our production processes and raise awareness at our staff.

WATER

WATER IS 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 recent months.

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.



Clean fresh water is an essential ingredient for a healthy human life, but 1.1 billion people lack access to water and 2.7 billion experience water scarcity at least one month a year. By 2025, two-thirds of the world's population may be facing water shortages.

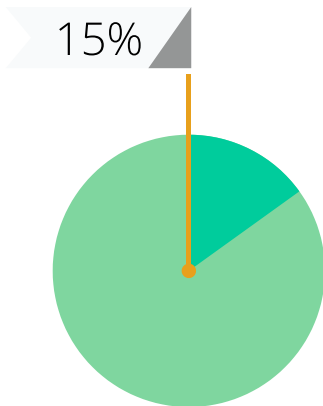


Predictions show that 2/3 of the world population will suffer of water shortage by 2050. Source: world water report

CO2 EMISSION

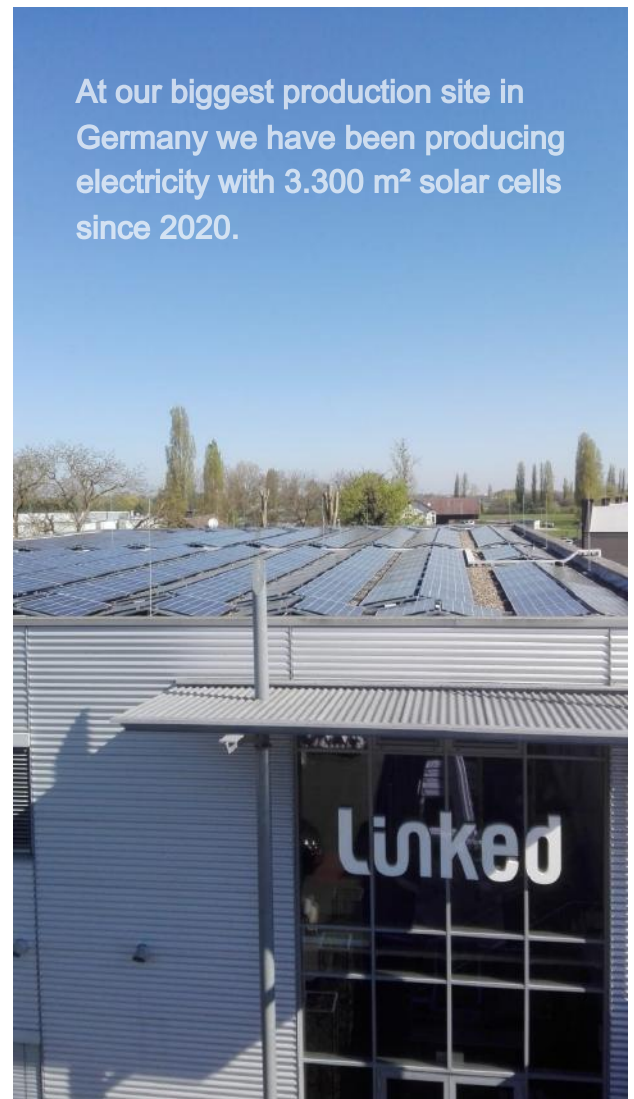
PROTECT THE EARTH

The general Carbon Footprint (tooling production not included) of our German sites was identified and recommended actions are being followed and realized in due time.



With 32% electricity accounts for the second largest part of carbon dioxide emissions in industrial rotogravure tooling production.

By investing in latest less energy-intensive appliances and procedures, we managed to reduce our CO2 footprint by 15% in the last 15 months.



At our biggest production site in Germany we have been producing electricity with 3.300 m² solar cells since 2020.

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.

CO2 EMISSION

SO FAR WE SAVED ...



450 t CO2



60 trees



2 kg waste

Our latest project for CO2 reduction is the replacement of the conventional lighting at the Kippenheim shop floor by state-of-the art LED technology. This will save another 240 t carbon dioxide/year.
Project start: summer 2022

CO2 EMISSION

E-MOBILITY

The topic of electric mobility in company fleets is becoming increasingly important: while the share of electric cars was still below the 1% mark toward the middle of the previous decade, it is now on the brink of hitting the 10% mark - and is set to increase very significantly in the coming years.

In the past three years we have been deploying our e-mobility to 30% of our company fleet in total.

Charging stations on our premises ensure that we "fuel" the energy produced on our roofs.



The offer for a job bike is not only supporting the health of our employees but is furthermore creating awareness for the sustainability and environmental aspect.

> 20% employees in Germany profit of this offer

NO WASTE POLICY

GO FOR DIGITIZATION

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

We realize this target by adapting manufacturing processes and devices, but also the ongoing digitization plays a vital role.

Digital proofing and approving processes avoid printing and shipment.



streams

With Streams we have designed a web-based design lifecycle management application that connects all project stakeholders on a purely digital platform. Physical approval processes and asset management are obsolete.

Waste separation means that different types of garbage are collected and recycled separately. We take care and our Energy Scouts, too.

RESEARCH & DEVELOPMENT

WE KNOW HOW

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.

The European Commission has responded to these topics with its Green Deal, setting standards for sustainable growth and paving the way for a circular economy with a plan of action: all plastic packaging in the EU should be reusable or recyclable at low expense by 2030.

At our global R&D Center we do researches on

- material recycling and re-use
- alternative printing substrates for circular economy
- Chrome VI substitutes
- electroplating free surfaces for printing and embossing cylinders

We are proud partner

We are partner of the "HolyGrail 2.0" project – a project with the aim of making packaging more easily sortable.



GET PEOPLE ON BOARD



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.

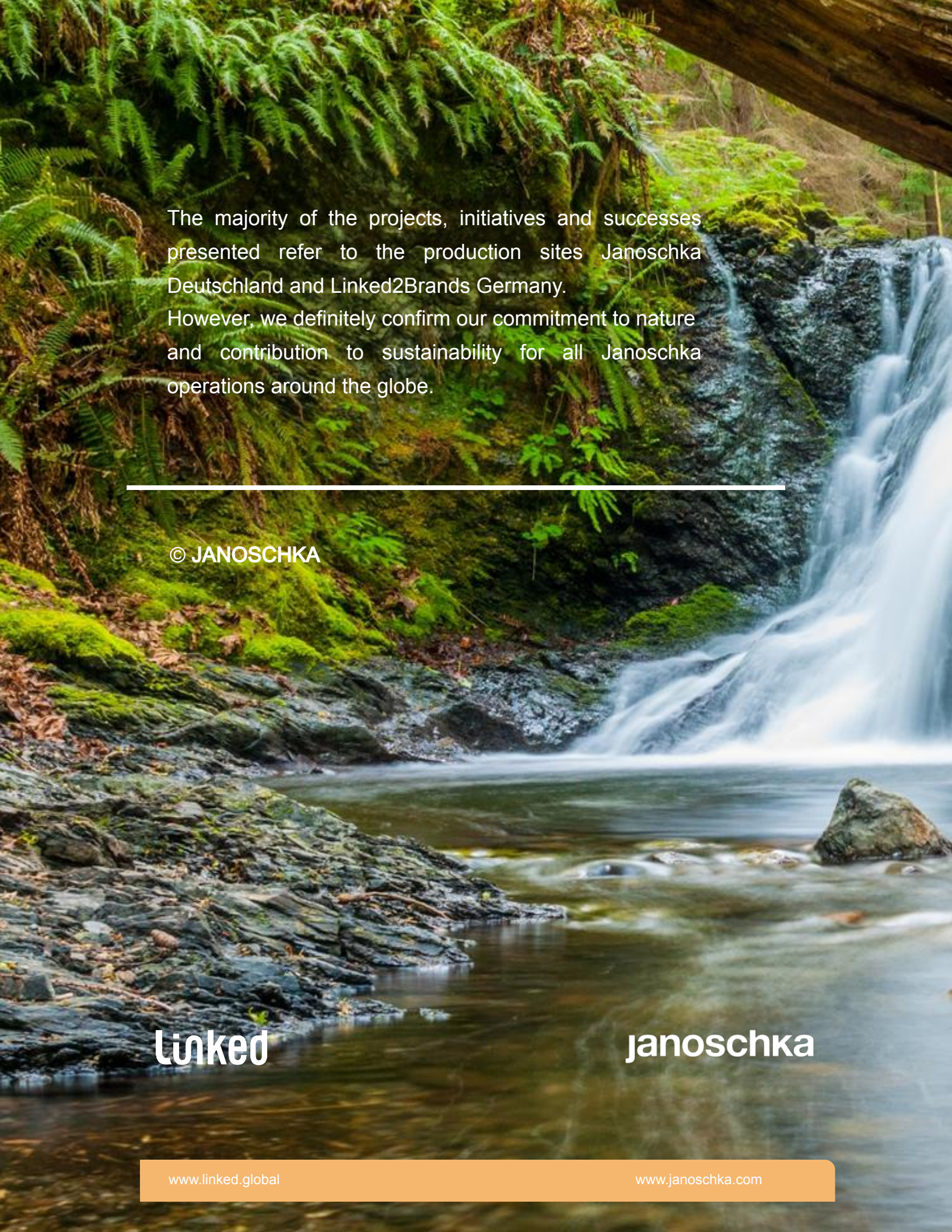


ENERGY SCOUTS

We are participating at the climate initiative to provide training for apprentices instigated by German authorities.

'Energy Scouts' is designed to identify resource saving potentials and develop recommendations on how to implement them.

Our trainees are constantly working on campaigns to raise awareness among staff to conserve resources such as water and electricity.



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.

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