



SKLÁRNA®
JANŠTEJN

BROKIS®

BROKIS®
GLASS

BROKIS®
SOLUTIONS

BROKIS®
WOOD

A SYMBIOSIS OF NATURE AND HUMAKIND

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A FEW WORDS OF INTRODUCTION

„When I acquired the glassworks in 1997, with which I later founded BROKIS, many things changed, but my outlook on the environment and consideration for the planet remained as steadfast as ever. These values require constant work and must be reflected in the living processes of the company.“

A handwritten signature in black ink, reading "Jan Rabell". The signature is fluid and cursive, with a long, sweeping underline.

Jan Rabell
CEO





220 000 M² IN THE HEART OF NATURE

In order to articulate our efforts to maintain symbiosis with nature, we decided to create this report, which will provide everyone who cares about the planet with sufficient information about our company.

It is not just the ecological aspect that is important but also the social one. As a company, we are a stable employer in the region and fulfil an essential role, with impacts that extend well beyond the borders of the Czech Republic. The fundamental values that we uphold enrich our company culture.



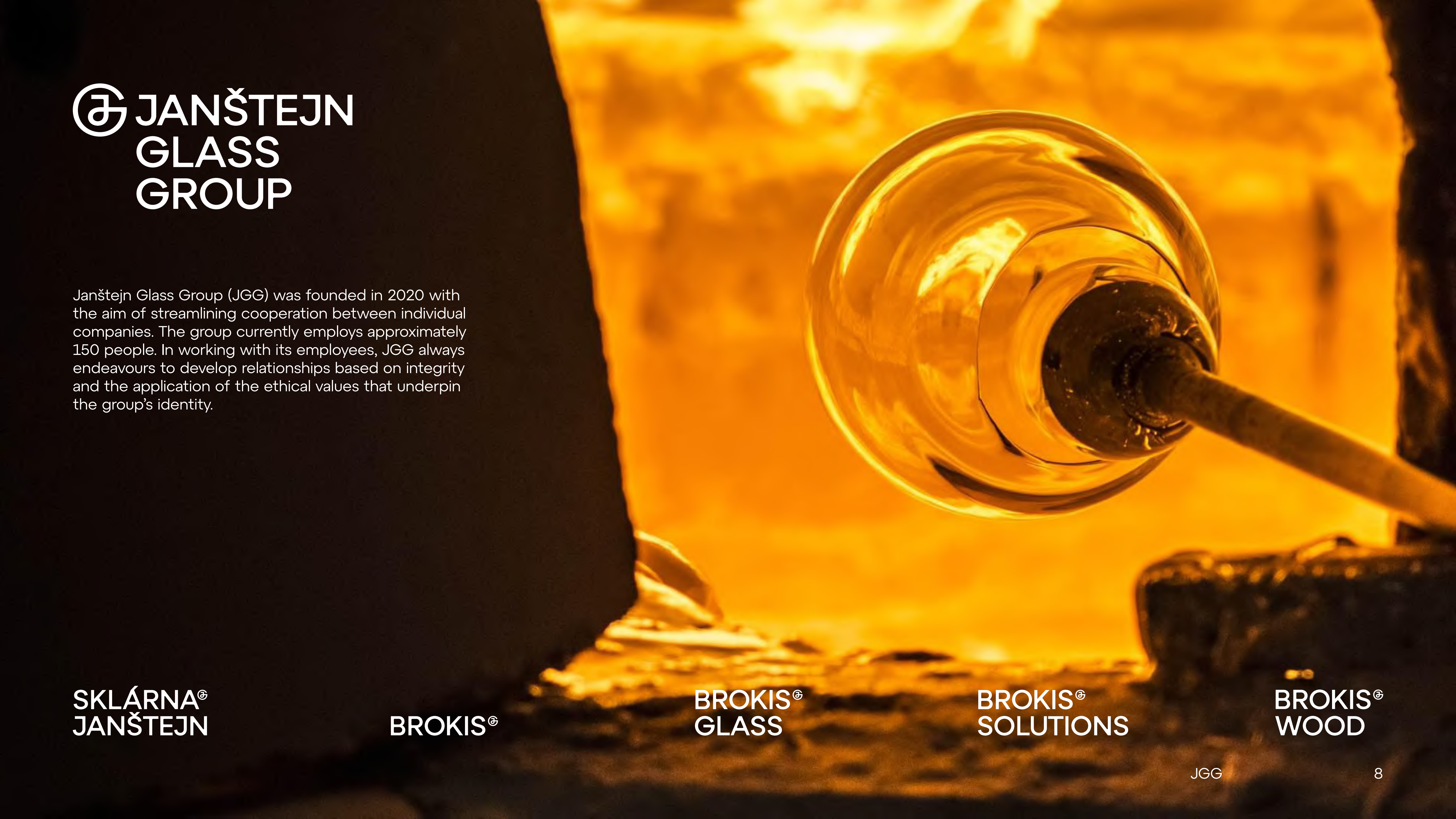
In addition to actively practicing ecological sustainability, we are a socially responsible and ethical company. We value the knowhow of our master glassblowers, whose dedication and hard work keeps the glassblowing tradition going from one generation to the next.

OUR VISION COUNTS ON THE INTRODUCTION OF MORE ELEMENTS OF A CIRCULAR ECONOMY.



JANŠTEJN

GLASS GROUP

A close-up photograph of a glass being formed in a furnace. A glowing orange-red molten glass sphere is being shaped by a metal rod. The background is a bright, fiery orange glow from the furnace.

JANŠTEJN GLASS GROUP

Janštejn Glass Group (JGG) was founded in 2020 with the aim of streamlining cooperation between individual companies. The group currently employs approximately 150 people. In working with its employees, JGG always endeavours to develop relationships based on integrity and the application of the ethical values that underpin the group's identity.

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SKLÁRNA® JANŠTEJN

The company specializes in the manufacture of lighting glass and builds on a tradition started more than 200 years ago. The artistry of the master glassmakers at Janštejn Glassworks stretches as far back as 1809, thus making the factory one of the oldest of its kind in the Czech Republic. Approximately 50% of the glass blown at Janštejn Glassworks is for BROKIS, with the other products going to customers around the world. Characteristic for the glassworks is its unparalleled level of craftsmanship in combination with remarkably large formats of handblown glass. The glassworks has its own grinding, polishing, and matting lines as well as a water jet.

BROKIS®

The BROKIS portfolio features modern functional lighting fixtures, decorative objects, and unique lighting solutions for architects and interior designers. With its own high-capacity production facilities rooted in more than two centuries of history, BROKIS is free to experiment and develop innovative materials, techniques, and technologies as well as offer bespoke lighting solutions.

BROKIS® GLASS

BROKISGLASS is a product of the ecofriendly practices of Janštejn Glassworks and BROKIS, whose collaboration has given rise to a unique new material made of glass shards.

In the making of lighting glass, up to 30% of each handblown piece is discarded. This is an inherent part of the manufacturing process and cannot be avoided. The primary motivation for establishing and developing the company BROKISGLASS was the need to change the conventional perception of glass shards as waste, which previously was merely hauled to a landfill, where it burdened the environment and had a negative impact on the character of the surrounding landscape. This innovative material brings a new dimension and aesthetic to glass, and its unique properties make it an excellent choice in architecture, construction, and interior and product design.

BROKIS® SOLUTIONS

The company BROKIS SOLUTIONS was established to provide an individual approach to lighting composition projects. From initial sketches to installation and outstanding service, BROKIS SOLUTIONS has the right solution for any lighting project anywhere in the world.

BROKIS® WOOD

The specialist woodcraft shop BROKIS WOOD manufactures components for use in JGG products as well as bespoke furniture and designer interiors and exteriors. BROKIS WOOD instils its products with an exceptional degree of quality by using the latest technologies in the furniture industry in combination with more traditional ones.

FAMILY BUSINESS

The Rabell family has been devoted to the Bohemian glassmaking tradition since 1997. Together, they present their remarkable handmade glass products to the entire world.



Petra
Rabellová

Adéla
Rabellová

André
Rabell

Jan
Rabell

Nikola
Rabellová

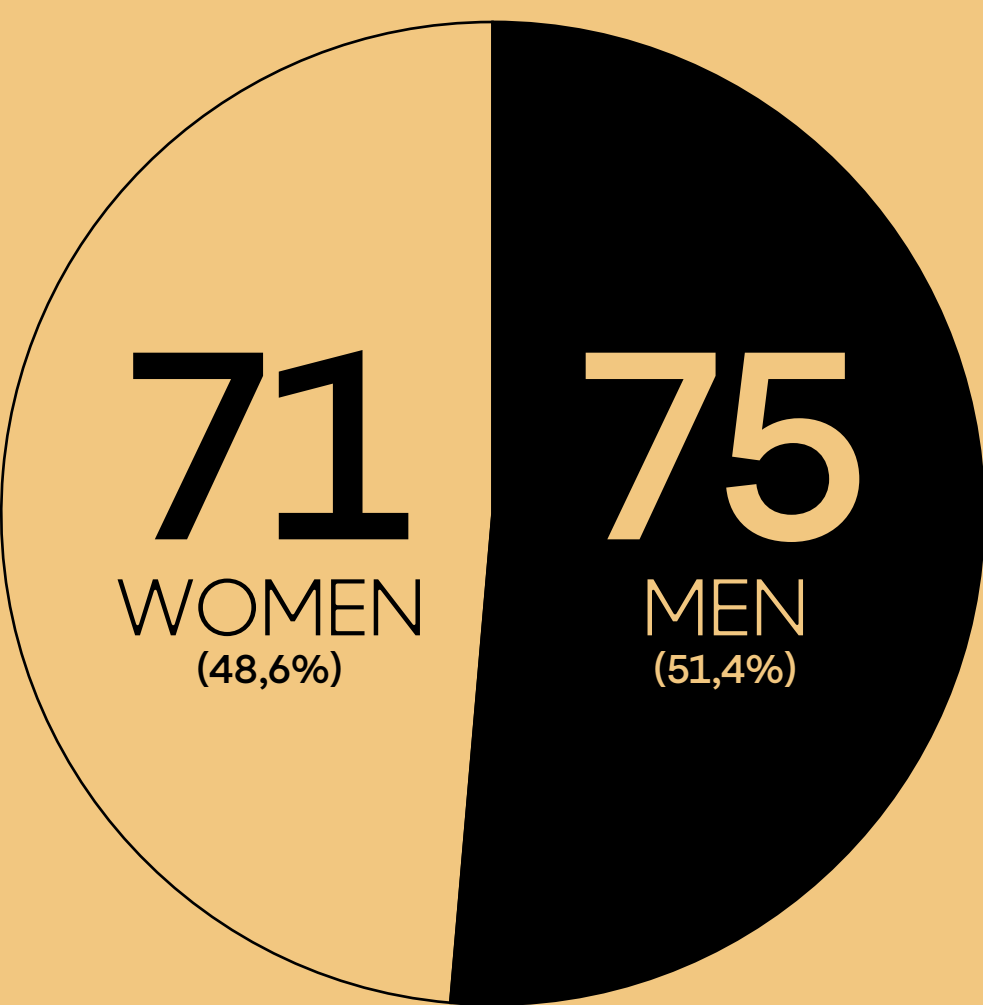
Jan Rabell: „Success requires equal amounts of courage, sacrifice, and humility. It can't be achieved without blood, sweat, and tears, and that's especially true of glassmaking. I firmly believe that nothing is impossible“

PRODUCTION AND EMPLOYEES

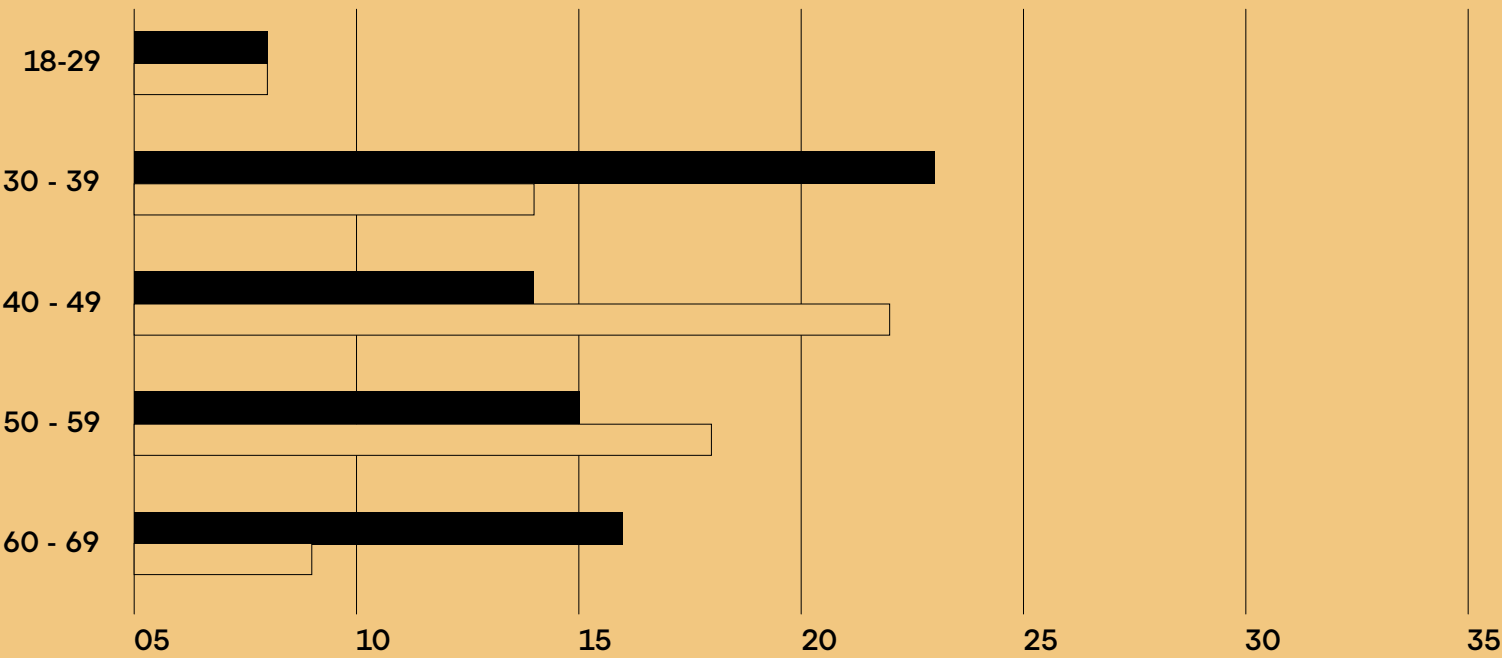
JGG prides itself on getting the most out of the remarkable knowhow of its employees, who work methodically and with due diligence to achieve results they can be truly pleased with. We acknowledge the crucial role played by each and every one of our people, firm in the conviction that the main factor of success of any company is the professional contribution of those who work for it and thrive in an environment of loyalty and mutual trust.

OVER 63% OF OUR EMPLOYEES HAVE BEEN WITH US FOR MORE THAN FIVE YEARS.

Employees by gender *



Employees by age *



* as of 1. 6. 2026

BROKIS

ABOUT BROKIS

BROKIS is located at the intersection of the South Bohemian Region and the Vysočina Region, surrounded by the forests and nature of the Bohemian-Moravian Highlands. The company is based in the village of Janštejn, approximately 140 kilometres southeast of Prague. As part of the Janštejn Glass Group, BROKIS benefits from synergies that enable the development of new techniques, technologies, and innovative materials.

The Czech premium lighting brand BROKIS represents a synthesis of exquisite design, superior quality, and the remarkable artistry of Bohemian glassmakers. Conceived by renowned Czech and foreign designers, BROKIS lighting collections have steadily earned international acclaim and recognition. The company combines handblown glass with other refined materials, such as wood and manually pressed metal, in bold lighting compositions that push the boundaries of contemporary design.



THE WORLD OF BROKIS

BROKIS has been active on the global stage since 2006.

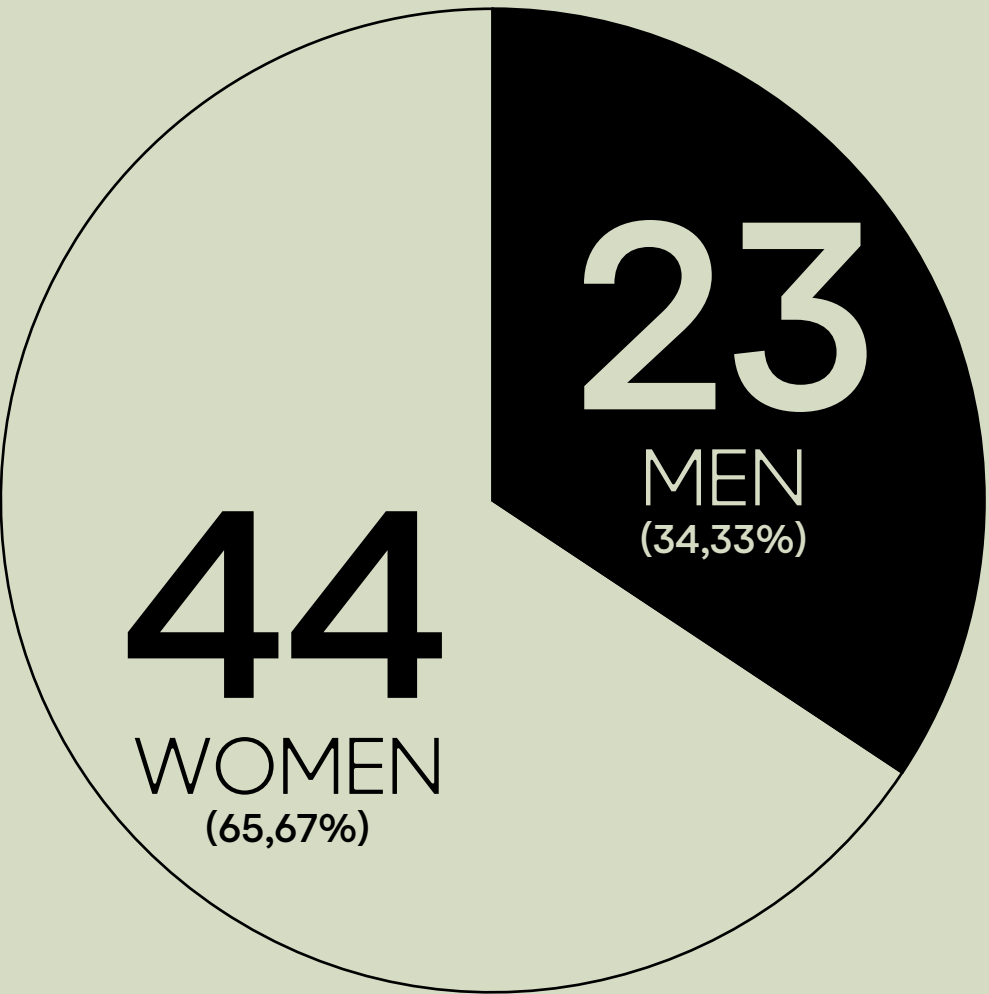
VALUE CHAIN

80% of suppliers based in the Czech Republic
20% of suppliers from other countries (Italy, Germany, Slovakia)

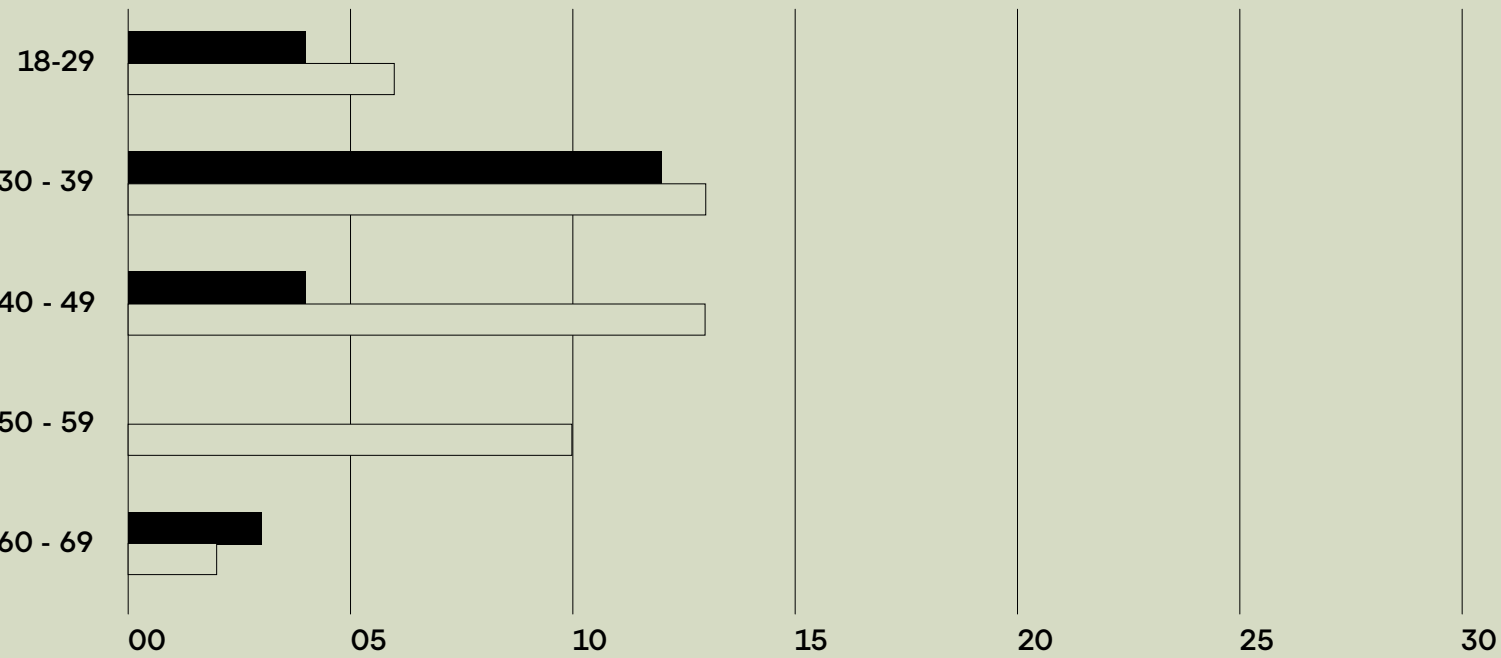
PEOPLE

67 employees *
95% of employees have permanent employment contracts

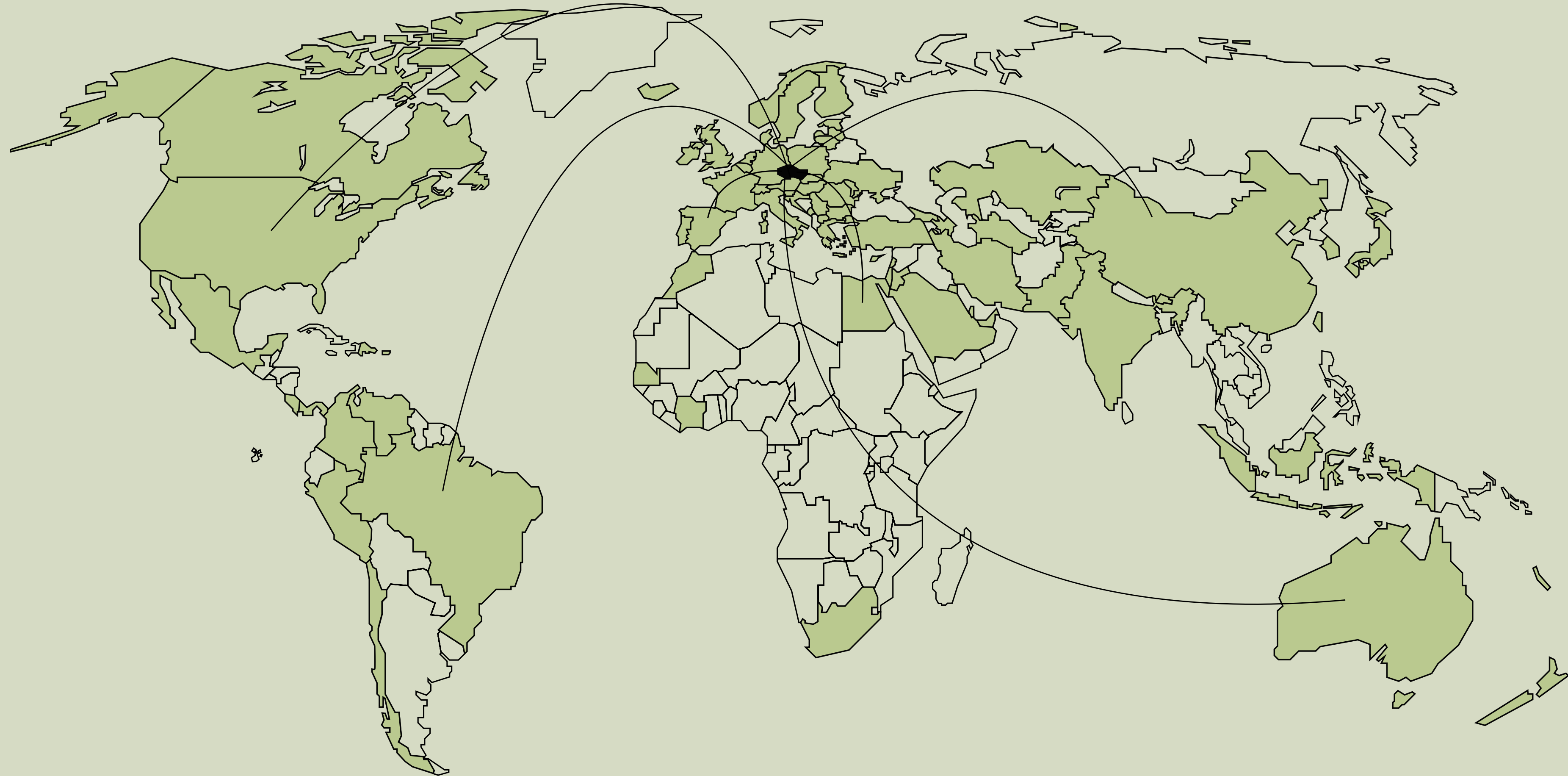
Employees by gender *



Employees by age *



* as of 1. 6. 2026



**BROKIS HAS ACHIEVED INTERNATIONAL RECOGNITION AND EXPORTS
ITS PRODUCTS TO + 110 COUNTRIES AROUND THE WORLD.**

BROKISGLASS

ABOUT BROKISGLASS



BROKISGLASS
production video

The company BROKISGLASS was founded in 2020, but collaboration between Janštejn Glassworks and BROKIS led to the creation of this unique material a decade earlier in 2010.

BROKISGLASS, made from shards of glass discarded during the manufacture of handblown glass lighting collections, has brought about a significant reduction in waste material. The transformation of these shards into a new decorative product represents an environmentally friendly and efficient upcycling of material, thanks to which the glassworks is able to employ a strategic circular economy and thus contribute to the creation of a healthy relationship between nature and humans.



**BROKISGLASS ADDS AN EXCITING
NEW DIMENSION AND AESTHETIC TO GLASS.**

LCA & EPD CERTIFICATION



EPD

The sustainability goals set by JGG apply to the entire group. Therefore, Janštejn Glassworks and BROKISGLASS have undertaken certification of their products based on the Life Cycle Assessment (LCA) and Environmental Product Declaration (EPD). This process allows them to evaluate and verify the steps already taken toward an eco-friendlier approach while identifying potential areas for further improvement. The analysis and resulting EPD were successfully completed at the beginning of 2025.



ELEMENTS OF SUSTAINABILITY

THE PRODUCTION CHAIN

Approximately 80% of the company's suppliers are located within a 120-kilometre radius, and all BROKIS and BROKISGLASS products are assembled in Janštejn (CZ). This allows the whole JGG to use a remarkably short production chain, whose sustainable management relies on lasting relationships built on mutual trust and respect between the company and its suppliers.

INDUSTRIAL INNOVATIONS

Since Janštejn Glassworks came under the ownership of the Rabell family in 1997, significant efforts have been made to address past environmental challenges. The entire facility is continuously innovated and expanded with equipment that enhances the efficiency of manufacturing and related processes.

2023
NEW STORAGE FACILITIES



2024
NEW, MORE EFFICIENT GLASS
FURNACE FILTER



2024
INSULATION OF THE GLASSWORKS
AND WINDOW REPLACEMENT



WASTE MANAGEMENT

Glass waste is recycled. A key role in this process is played by the material BROKISGLASS, which is produced using environmentally friendly manufacturing methods developed by Janštejn Glassworks and BROKIS. The creation of BROKISGLASS has significantly reduced glass waste. Transforming waste shards into a new decorative product represents an ecofriendly and efficient recycling approach, enabling the glassworks to implement a strategic circular economy.

Another step in waste management is incorporating glass shards into other materials, such as concrete (BROKIS CONCRETE), to ensure the complete utilization of all glass waste.



PRODUCT DURABILITY AND LONGEVITY

Substantial focus is concentrated on the efficient replacement of damaged components. The longevity of our products is ensured thanks to a special connector developed by BROKIS. The connector allows a considerable degree of variability in combining and replacing lights.

Professional maintenance services, including component replacements, are provided by the company BROKIS SOLUTIONS.

RoHS

All glass components are RoHS compliant (Restriction of Hazardous Substances in Electrical and Electronic Equipment). All supplied glass is crystal and contains no lead. All products are and will continue to be fully compliant with EU Directive 2015/863/EU and any amendments made to it.



**BROKIS OFFERS A 100% REPLACEMENT
OF COMPONENTS FOR ITS PRODUCTS.**

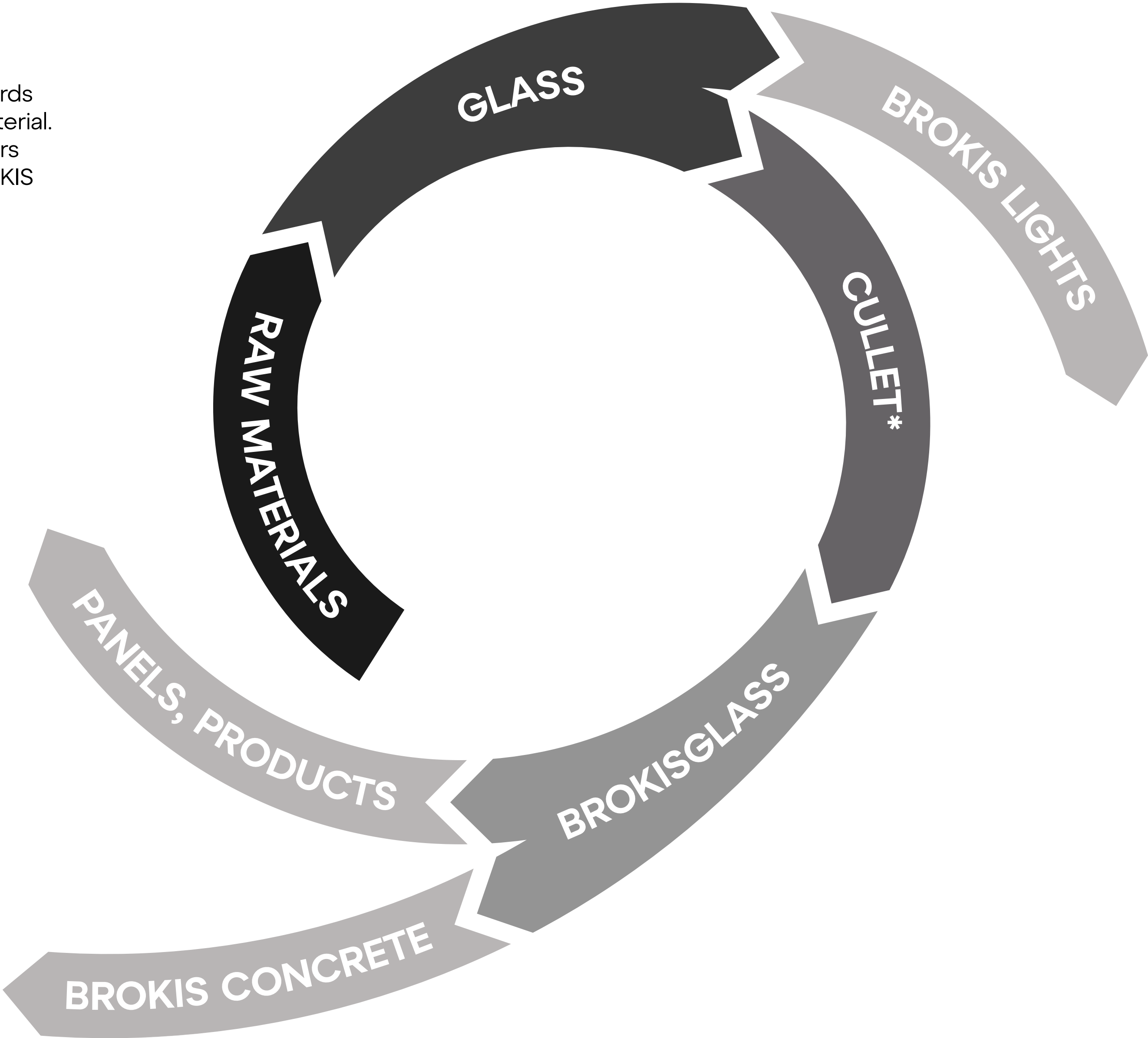
SUSTAINABLE DESIGN

Janštejn Glass Group was established in 2020 to streamline cooperation between several partner companies. The result has been the development of multiple sustainable product lines within BROKIS, featuring designer lighting that incorporates wooden components from the BROKIS WOOD workshop, as well as materials such as BROKISGLASS and BROKIS CONCRETE, both produced using glass shards from Janštejn Glassworks. The unique BROKIS CONCRETE fixture contains up to 80% glass shards from Janštejn Glassworks.



THE UNIQUE LIGHTING FIXTURE MADE OF BROKIS CONCRETE CONTAINS UP TO 80% GLASS SHARDS FROM THE JANŠTEJN GLASSWORKS.

The entire Janštejn Glass Group (JGG) is dedicated to a sustainable and environmentally responsible approach. This commitment was a key driver in establishing BROKISGLASS, a company that repurposes surplus glass shards from BROKIS lighting production, transforming them into a new, unique material. This material offers limitless applications, from panels and mosaics to clinkers and designer products. BROKISGLASS is also incorporated into several BROKIS collections, such as Convex, Night Birds, and Elo.



*glass fragments discarded during the production of lighting glass

AWARDED COLLECTIONS



TROTTOLA



ELO



CONVEX



OVERLAY



DOUBLE



PRISMA



BONBORI



BIG ONE



PURO



PLANETS MNI

ENERGY

An integral part of our sustainability approach is energy management. We have launched a project to source part of our energy from renewable resources. One of the first steps is the installation of solar panels, which are projected to cover 15% of our total energy consumption. Additionally, company management exclusively uses hybrid vehicles, reducing emissions by 31% annually compared to conventional combustion engine vehicles.

The companies within JGG continuously monitor their energy consumption and seek new ways to further reduce energy use.

REDUCTION IN GAS CONSUMPTION
REDUCTION IN CONSUMPTION IN 2025 COMPARED TO 2024

✓ **12.64%**

REDUCTION IN WATER CONSUMPTION
REDUCTION IN CONSUMPTION IN 2025 COMPARED TO 2024

✓ **16.20%**

REDUCTION IN ELECTRICITY CONSUMPTION
REDUCTION IN CONSUMPTION IN 2025 COMPARED TO 2024

✓ **23.34%**

MATERIALS

Not only do we achieve significant energy savings, but we also extend product lifespans, reduce waste production, and recycle waste materials so they can be reintegrated into the circular economy.

In 2023, we opened a new large consignment warehouse with a capacity of over 600 pallet spaces. In 2024, we renovated an unused building, adding 200 additional pallet spaces. Ample storage capacity ensures seamless material supply, leading to shorter delivery times. These steps have also helped reduce our CO₂ footprint.



PACKING POLICY

Ensuring our products reach their destinations safely and undamaged is one of our highest priorities. We pack all of our products using Instapak®. Our packing system is designed to provide our products with outstanding protection, which in turn saves energy that would otherwise be spent on shipping replacement products.

In 2026, we are transitioning to a new unified packaging design that uses less ink, reducing environmental impact.



IMPLEMENTED STEPS

NEW RETENTION BASIN

VEHICLE FLEET 36% HYBRID

PHOTOVOLTAIC PANELS WITH 176KWP OUTPUT

In 2025, our photovoltaic system covered 25% of our electricity consumption, saving 37.33 tonnes of CO₂ emissions.

GLASS FURNACE FILTER

400% more powerful and 20%–30% more efficient

GLASS BATCH FORMULATION TECHNIQUES

10% lower gas consumption by thanks to reduced melting temperatures



VISIONS

PLANS THROUGH 2035

USE OF RENEWABLE RESOURCES

up to 50% of JGG's electricity consumption to be covered by renewable sources

TREE PLANTING INITIATIVES

landscape restoration through tree planting in company-owned forests

support for biodiversity in cooperation with Lesy ČR (Czech Forests)

RECYCLING

investment in technology for secondary processing of paper packaging

investment in technology for improved glass shard recycling

CIRCULARITY

use of rainwater in Janštejn Glassworks operations



VISION OF THE FUTURE

We firmly believe our company has many more successful years ahead of it. Our vision together with the vision of our employees and designers is the continued evolution of the timeless concepts that serve to underpin all of our products. We want to continue down the path of extensive testing, unsurpassed craftsmanship, and a timeless character,

thanks to which our lights take on a permanent value that lasts through the generations. And that's also where we see the sustainability of our products.

The long-term vision of our company is care for the landscape that surrounds the entire company complex. In addition to the more industrial parts, our complex also comprises some 15 hectares of extra-urban land containing fish ponds, woodlands, and meadows, all of which fall under the custodianship of our company.

The vision of our company is to plant trees that will help offset the impacts of our activities on the environment. Our long-term vision and sincere wish is to meet with people who share our understanding and passion for sustainability. It makes me very happy to say that we're doing very well in this regard, and it's what lets us speak together now about company as you know it.





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WOOD

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