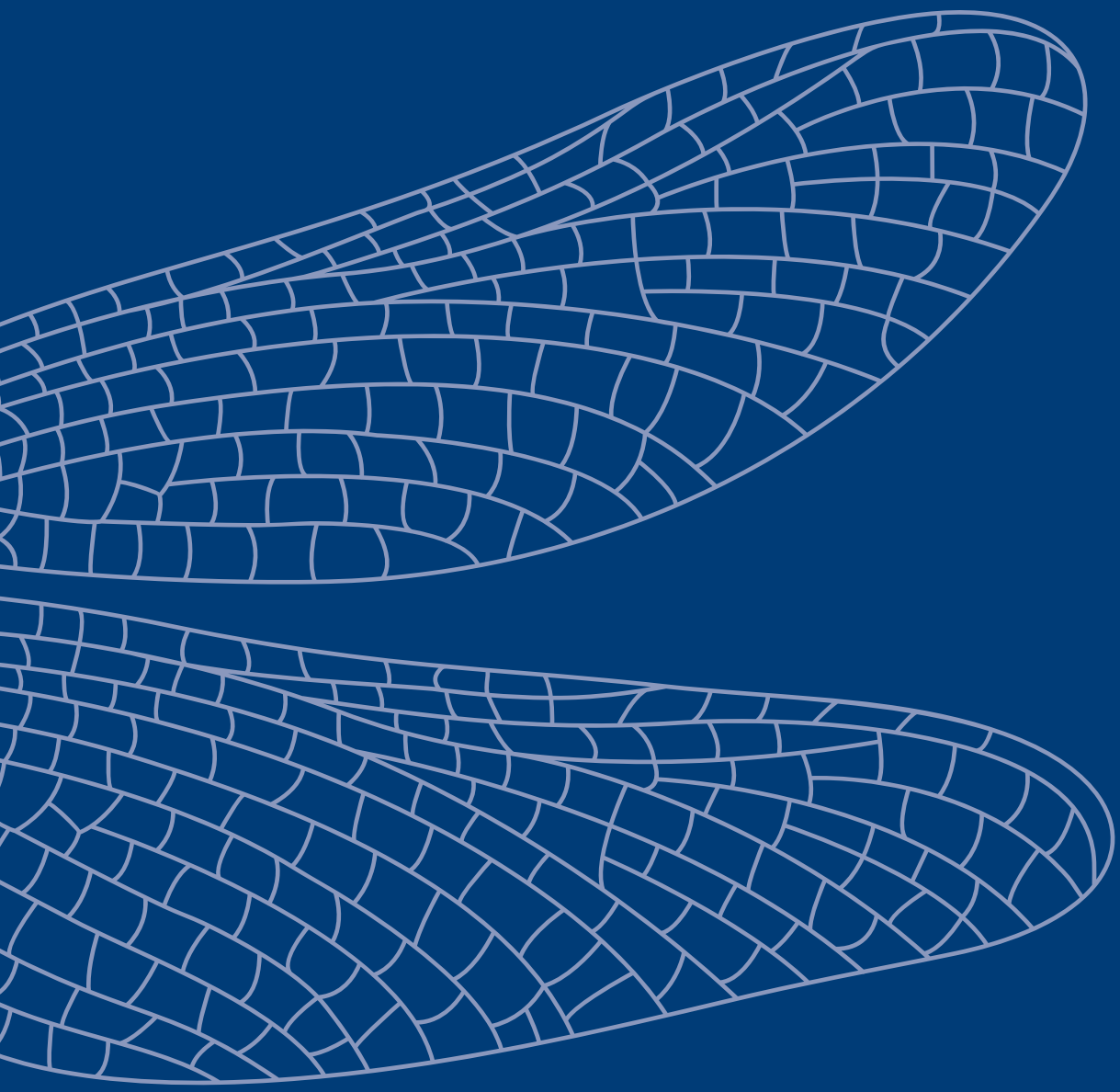


Reiling
GROUP

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Materials management. Recycling.

WITH US YOU CLOSE THE LOOP.

RECYCLING OF RECYCLABLE MATERIALS

Experience and flexibility

We have the experience and flexibility to find solutions to complex problems.

We are a family-run recycling business. We have been collecting and recycling recyclable materials for 100 years, thereby conserving nature's resources and doing our part to protect our planet. As a recycling expert, we are committed to closing material loops. We are primarily a partner to corporations, municipalities, the trade and commerce industry, and dual systems.
Our services include collection, transport, processing and the delivery of high-quality recyclate.

With innovative techniques and in-house technical know-how, we are constantly finding new ways to reuse and recycle, which is central to our mission of building an innovative recycling chain. With thirteen Germany-based and six international locations, we are one of the most holistic recycling companies in Europe.

Our business segments



GLASS



PET



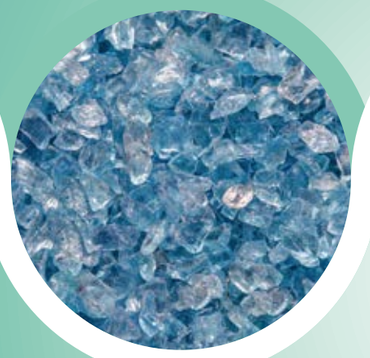
PHOTOVOLTAICS



WOOD



FOAM GLASS



REVITRO

We offer collection, transport and recycling services, deliver high-quality recyclate, and produce and market Revitro and foam glass gravel.

VALUES OF REILING GROUP

Company profile

Our values shape every aspect of our group and guide our day-to-day actions and the way we deal with our business partners and employees.

Despite our ever-growing size, we continue to be a classic family-owned business, with the 5th generation now at the helm. Of that we are very proud!

Our contribution and our obligation to the common good is what drives us.

FAMILIAL
SOCIAL

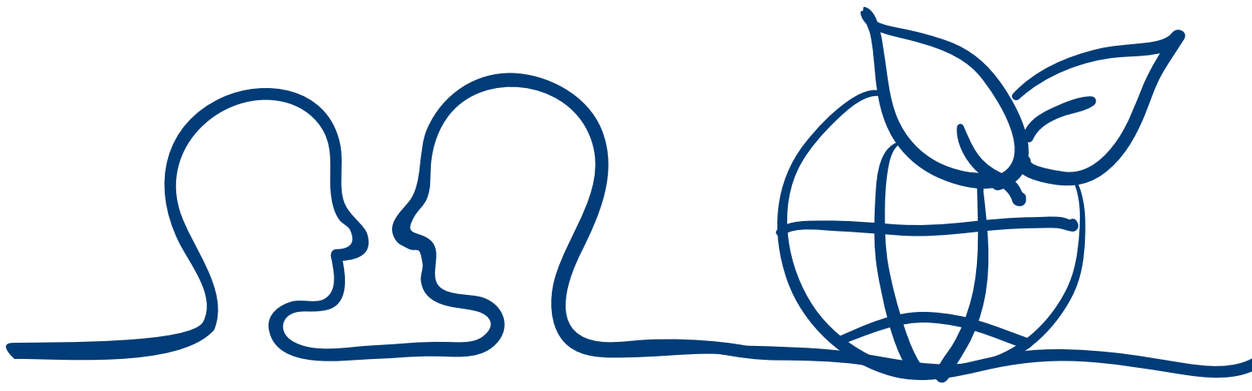
INNOVATIVE
FUTURE-ORIENTED

COMPETENT
GROUNDED



RESPONSIBLE
FAIR

CONSCIOUS
ECO-FRIENDLY





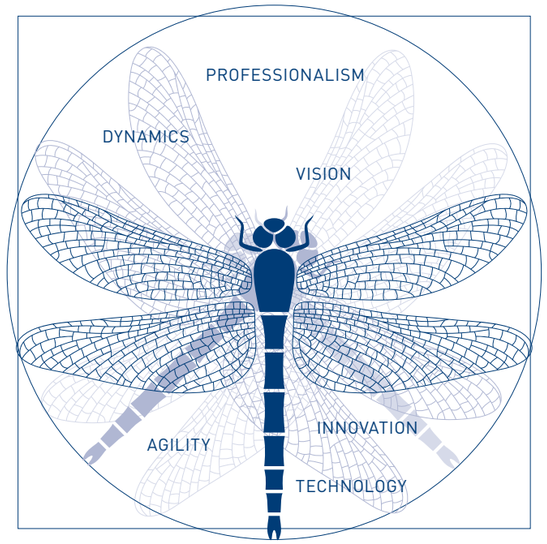
ENVIRON MENTAL PROTECTION

Sustainability is the future.

Sustainable thinking drives the Reiling Group. Environmental responsibility is one of our central missions and at the forefront of our business decisions and day-to-day actions.

Protecting our planet and reducing our use of natural resources requires the collective effort of all of our employees. This awareness is firmly anchored in our business policy and corporate philosophy.
With our environmental management certification (DIN EN ISO 14001), we are committed to implementing all necessary measures to protect people and the environment.

Where possible, we use renewable energies throughout the company. For instance, a significant step in reducing our impact is the commissioning of our innovative cogeneration plants to generate energy and heat and installing our own photovoltaic systems (electricity generation). Our responsibility for the environment and the efficient use of resources is reflected in our intelligent energy management system (DIN EN ISO 50001 certification).



One of nature‘s many wonders, the dragonfly, our symbol for:

Green and local thinking, dynamics and professionalism, future orientation and agility, innovation and technology.

We are committed to environmental protection and take a forward-looking approach in all that we do to preserve biodiversity.



QUALITY AND INNOVATION

Recycling of recyclable materials

We do it all: From collection to processing to the sale of the products made using recycled materials. It is a one-stop shop advantage when it comes to quality control and transparency.

For Reiling, high-quality products and innovative thinking go hand in hand. Throughout our company's history, we have often set research and development in motion, have leveraged in-house methods and techniques to drive new recycling business, and have constantly improved our processes. To ensure the quality of our services, our integrated management system has been geared towards internationally recognised standards and has been certified accordingly (DIN EN ISO 9001).

Our management guidelines provide the basis for sound planning and implementation of our corporate objectives in the areas of technology, quality and environment. With the development of our very own, modern treatment plants and in our effort to increase the use of secondary raw materials, we strive to go full circle, while protecting our planet and enabling premium quality.

SEGMENT CONTAINER GLASS

Cullet becomes new glass

White, green or brown – as long as the used glass is sorted by colour. We are a full-service business, from needs-based collection and transportation to treatment and delivery of high-quality recyclate.

Container glass, in particular, can be recycled indefinitely and can be fed back into the circular economy again and again thanks to our state-of-the-art recycling processes. Together with our corporate, industrial, municipal, and dual-system partners and customers, we are doing our part in protecting the environment and conserving our natural resources.

With 10% of our recyclate in the batch, savings of up to 3% in energy and 5% in CO_2 can already be achieved.

As one of the market leaders in Europe in the container glass segment, we offer the glass making industry recyclate for remelt. We achieve the high quality in terms of purity, fine grain content and colour sorting by continuously advancing our processing techniques. We will take care of the logistics for you and will deliver on schedule.



COLLECTION

We're exactly where you need us! Besides setting up containers for the most common types of glass, we offer reliable, regular recycling collection. Or, you can schedule a pickup. We will also provide documentation for the recycled glass quantities.

TREATMENT

We work with state-of-the-art technology. Whether you have a need for fine grain or colour sorting or are dealing with unique chemical compositions, we tailor our services to fit your individual needs and guarantee solution-driven results.



END PRODUCTS

The recyclate meets the specifications of the glass manufacturing industry. We carefully sort it and run tests to ensure it meets the high quality standards.

The recyclate is clean of impurities like CSP, ferrous and non-ferrous metals, glass-ceramics, glass containing lead and organic matter. Different particle sizes are available.







SEGMENT FLAT GLASS

Recyclable without loss in quality

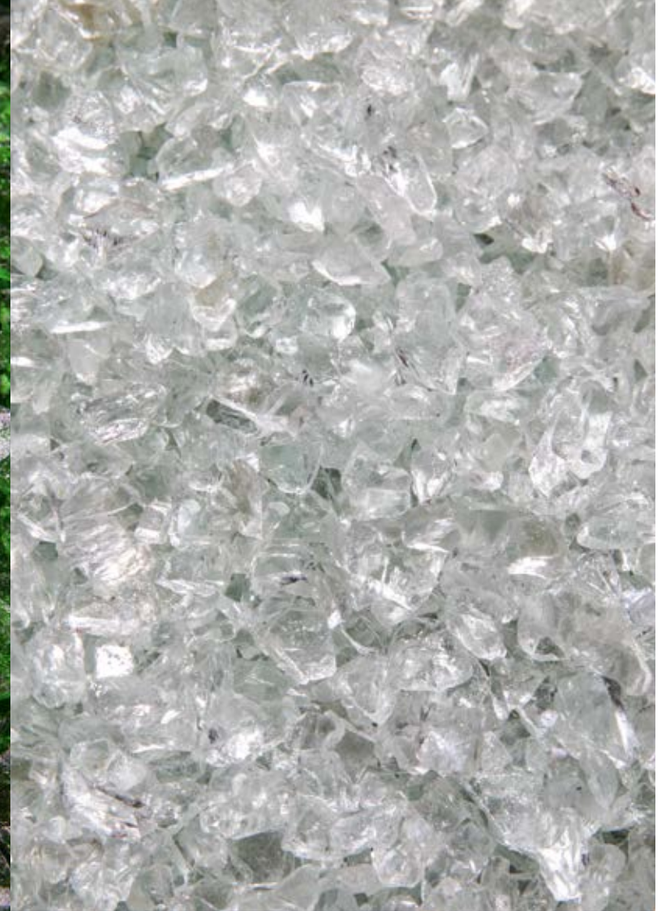
By collecting and recycling glass waste, we work together with our partners to achieve consistent savings in primary raw materials – such as sand, soda and lime – as well as reductions in CO_2 emissions from glass production.

We collect flat glass from industry, trade and commerce. Accurate sorting is crucial for the best possible processing result. For the collection of the different types of waste glass, such as float glass, laminated glass or insulating glass, even special glass or mixed glass fractions, we offer our partners customised container solutions.

We deliver best quality using state-of-the-art treatment technology, which meets the highest quality standards of our partners. Our recyclates, which are free of impurities, can be reused as a secondary raw material in the various glass industries and in almost every melting application to add value.

Partnerships with our customers are a priority to us. We are at your service with a range of services - disposal logistics, container leasing, personal on-site consulting, and recyclate delivery including comprehensive documentation and verification.









SEGMENT REVITRO

A versatile material in fascinating colours

Revitro is a recycled product. Simply put, our end product is made up of the material that we received from our customers for glass recycling.

The colour plays an important role here. The prerequisite for the luminosity and cool tones of our end product is the high-purity colour of the input material. That is why strict sorting of the material by colour in advance is one of the most important requirements for a flawless product.

Recycling: One idea ahead

What can be created from waste is always a question of creativity and courage.

At Reiling, we are always on the lookout for new ways and possible uses. This is how we create products with amazing potential. We hope you will be inspired by our ideas.

REVITRO IS VERSATILE

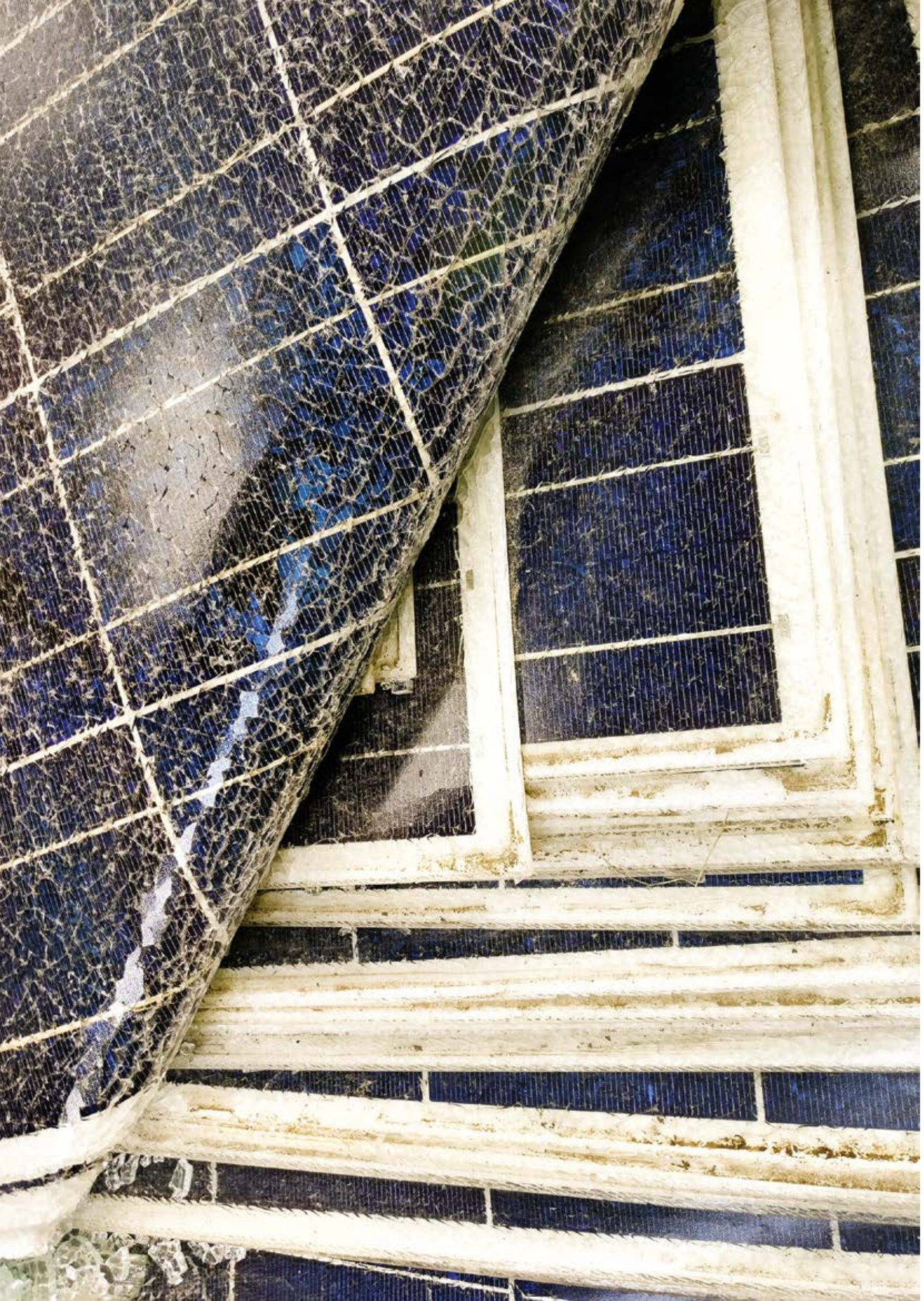
It will transform your landscaping and design:

- *Flower beds and outdoor paths*
- *Decorative accents*
- *Parking lots*
- *Garden accent*
- *Durable, long-lasting rooftop design*
- *Eye-catching trade fair booths*
- *Barefoot trails and more*



Our revitro-online-shop:

www.revitro.de



SEGMENT PHOTOVOLTAIC

Future-driven end-of-life concepts

Since the 2000s, the growth rate for power generation from photovoltaic systems in Europe has been significant. PV modules have an operational lifespan of roughly 20 years and are a clean source of energy, thereby contributing to mitigating climate change during this time. With our innovative recycling technologies, we want to ensure the sustainability of silicon-based modules by disposing of them in accordance with the law.

Our individual EOL concepts are made up of two components: testing for reuse and recycling.

Even after a service life of more than 10 years, the majority of installed PV modules are still intact. However, a significant reduction in performance is often noticeable. If functional modules are replaced as part of an economical repowering, the recovery path of reuse is preferable to recycling. After successful testing, they can be used as second-life modules and resources can be conserved.

In recycling, glass is the predominantly recovered secondary raw material, but we also recycle other raw materials from old modules, such as aluminium, silicon, conductors (tinned copper) and cables. We issue any necessary recycling certificates and offer our customers future-driven end-of-life concepts.

In our effort to constantly improve and advance our recycling processes, we are actively involved in various research projects and closely collaborate with our partners.

TEST PROCEDURE

Optically undamaged PV modules with sufficient residual power are subjected to various test procedures in order to fully check their performance (TÜV-certified flash test, electroluminescence test) and electrical safety (bypass diode test, HiPot test, grounding test).

COLLECTION & RECYCLING

With over 15 years of experience in photovoltaic recycling, we are dedicated to the legally compliant collection (ElektroG-certification) and to the pure recovery of valuable module components with great commitment and the highest level of technical expertise.
At four certified locations in Germany, we take all types of silicon-based PV modules: Muenster, Marienfeld, Torgau and Osterweddingen.

Only with the help of highly specialised solutions is it possible to separate the firmly bonded materials of the PV modules by type.
In a multi-stage process, the PV modules are first shredded – then the materials are processed and separated for recycling.

END PRODUCTS

After our recycling process, we receive optimally recycled material fractions that are fed back into high-quality applications, such as glass, aluminium, silicon, conductors (tinned copper) and cables. As a certified primary treatment plant, we guarantee the best possible results and the highest quality standards.



SEGMENT PLASTIC



PET – A recyclable material for new products

We provide reliable full-service solutions for PET recycling across Germany. From collection to treatment to the high purity of the recyclate, we ensure that we help close the recycling loop properly.

We provide food and bottling companies with a range of needs-based, comprehensive and tailored modules for PET bottle collection, including dumpsters, PET press machines and mobile briquette presses, self-disposal systems and isolated solutions. We also provide just-in-time collection!

During the subsequent treatment, we ensure a high purity level of the recyclate. In addition, the high quality of our recycled material is checked by internal quality control.

In addition to our PET flakes, our PET granulate offers a wide range of applications, e.g. as an admixture for the production of new PET bottles, for the production of fibres or for film applications in the food industry. Generally, the delivery takes place in so-called Big Bags. For clear and coloured PET flakes, silo delivery by truck is possible.

OUR QUALITY STANDARDS

Purity: *mostly free from impurities such as labels, wood, foils, polyamides, POs, metal and rubber*
Colour distribution and content: *Defined by the quality requirements of the customer*

WE MONITOR

- *Bulk density*
- *Incorrect colours*
- *Glue residue*
- *Foreign plastics*
- *Impurities*
- *Particle size distribution*
- *Moisture*

END PRODUCTS

- *PET flakes*
- *PET granulate*
- *PO cap regrind*
- *Aluminium bales, etc.*









SEGMENT WOOD RECYCLING

WOOD TO REILING

Every year, we collect, sort, clean and recycle more than 60,000 tonnes of industrial and private wood waste (category AI to AIV).

We don't view wood waste as waste, but as a valuable secondary raw material for the particle board industry and an energy source for power plants.
Although wood is technically not a finite resource, Earth's most important carbon reservoir should still be used wisely, now more so than ever before.
In the spirit of sustainability, Reiling has made it its business to recycle reusable wood waste and to close the loop.

After the incoming wood is examined, it is cleaned, chopped and shredded. The wood chips are then loaded for transport. Depending on the customer's requirements, our plants can produce a range of chip sizes. We ensure high safety standards through outgoing controls and lap tests.

To ascertain whether wood waste can be recovered for re-use depends on how contaminated it is, i.e. if it has been treated with toxic substances or has been painted. We ensure high safety standards through outgoing controls and lap tests.

COLLECTION SOURCE:
Post-industrial and post-consumer wood waste, bulky waste
BUYERS:
The particle board industry, heating plants and power plants



END MATERIAL:
- *Wood chips for the particle board industry*
- *Wood chip utilisation for thermal power plants or for energy recovery in biomass-fired co-generation plants*
- *G30 wood chip specification, for heating plants/small-scale plants for heat production*







SEGMENT FOAM & EXPANDED GLASS

For more innovation in the construction industry

Foam and expanded glass gravel represent a new business segment for the Reiling Group – we produce our innovative products ourselves at a total of two locations in Germany and distribute them throughout Europe.

veriso foam glass is our thermally insulating building material for various floor structures. Not only does it insulate perfectly, it is also load-bearing and impresses with its high drainage performance.
Even when it comes to installation, it offers impressive advantages, as it saves valuable construction time thanks to significantly fewer or shorter work steps.

veriso RED expanded glass gravel is a unique water-retaining building material that not only retains rainwater, but also forms the stable basis for a foundation. The material is suitable as a system component in the construction of water storage systems and supports the stabilisation of settlement-sensitive roads and traffic routes.

UPCYCLING – HIGH-QUALITY BUILDING MATERIALS FROM USED GLASS

__Foam and expanded glass__ gravel are innovative upcycling products. They are manufactured in our plants in Husum and Knittlingen.
We use our recycled old glass for production and give it a new life cycle. In this way, we actively contribute to the conservation of resources and environmental protection.



veriso GEOMATERIALS

www.veriso.de

SERVICE
AND LOGISTIC

FULL-SERVICE PROVIDER

Reiling collects, treats, stores, manufactures, designs, advises ...
With such a comprehensive range of services, we are unlike most companies in the industry.

Do you have a pile of rejects cramming your warehouse? Or mountains of old material to dispose of? Or, if you have other special requirements, just give us a call - we'd be happy to walk you through our services and provide individually tailored solutions. You can count on us to be a reliable partner and trust our years of recycling experience. We also provide on-site support to collaborate on a solution that suits your needs and takes a holistic approach to waste disposal.





COLLECTION
We offer versatile collection systems for municipal collection or container services.
Whether you need a particular size container or dumpster or a mobile PET press machine – we will find the right solution for you, either as a temporary or a permanent setup.

Our network of service locations means short distances and fast communication. We have an efficient fleet of vehicles that we bundle with professional logistics solutions. We also prioritise the safe and reliable loading of raw materials of the highest quality in procurement logistics, delivering our high-quality recyclate, on schedule or on short notice, which we can manufacture according to our customers' specifications.



REILING
COMMERCIAL
VEHICLE SERVICE





As an authorised partner of Scania, Meiller and Palfinger, Reiling and its commercial vehicle service company are there for all your servicing and maintenance work needs, taking care to follow manufacturer specifications, or for your design considerations and the construction of special vehicles. We also specialise in vehicle, dumpster and container construction.

Servicing and maintenance

As your partner, we cover the costs for repairs of trailers, tipper semitrailers or superstructures, containers and dumpsters - so you can worry less and concentrate on what matters. Our full service includes statutory vehicle inspections, bodywork, paint jobs, blasting and galvanising. We also offer 24-hour emergency assistance and a diesel gas station that is open 24/7.

Special vehicle construction - We have the solution to your individual needs

Our team of highly qualified specialists plans and builds special vehicles tailored to your ideas and needs. Drawing on more than 25 years of experience and a high level of expertise, paired with continuous training and development plus state-of-the-art equipment, we guarantee a high professional standard that is reflected in our quality of work.





SOCIAL RESPONSIBILITY AND ENGAGEMENT

Our corporate responsibility is based on our commitment to our employees, our environment, and the society we live in.

We have shown our dedication to the youngest members of our community for years now and have been supporting projects such as the new Bethel children's hospital wing in Bielefeld or funding non-profits such as ARCHE in Hamburg. We are also big believers of thinking local and give to sports clubs, kindergartens and schools in the region.

We regularly help with local tree-planting campaigns or organise our own reforestation projects at our company locations.

AID FOR TOGO

In 2019, we launched a special project together with the bvse network:
With the support of our company, numerous other businesses, and the invaluable work of the bvse network, the project „Introducing a waste management system to Togo", an idea created by Togolese bachelor student Sanvi Sodji, received the necessary support.
Two of our retired garbage trucks and 750 waste containers were delivered to West Africa, with the first waste collection campaigns already underway. The goal is to continue to advance the project in the future. This useful project is a small but important step forward to tackling the pressing global environmental issues at one of its many roots.





In addressing our employee's childcare needs, we have set up an on-site day care centre for the children of our staff members at our headquarters in Marienfeld.



Short-term relief for people in need: In 2021, we aided flood victims in the Ahr Valley by contributing cash donations, animal feed and equipment (e.g. excavators, dumpsters and more).



Pictured above: Bernhard Josef Reiling, who received a trade licence for travelling salesmen around the turn of the century and started trading in raw materials using horse-drawn wagons.

Pictured below: Manual sorting on what was a state-of-the-art assembly line for the time.



HOW IT ALL STARTED

A common goal spanning 5 generations

It all began in Wiedenbrück, Germany. In 1900, Bernhard Reiling, the great-great-grandfather and great-grandfather of today's owners, applied for and received a trade licence specific to travelling salesmen and started trading in raw materials using a horse-drawn wagon. Later, his son Konrad followed in his footsteps and brought "Reiling Rohstoffhandel" into the 1950s, despite years of turmoil during the war and the atrocities of the Third Reich.

ONE-PERSON BUSINESS

In 1957, Konrad Reiling's son Bernhard and his wife, Margret, founded their own business in Gütersloh, specialising in waste glass trading. As a one-person business, Bernhard Reiling collected waste glass from flat glass processing commercial enterprises and from the beverage industry, selling the material to manufacturers of hollow glass.

FIRST WASTE GLASS COLLECTION CONTAINER

Soon the idea was born to collect used glass not only from companies but also from households. In 1970, the company's first glass recycling container was set up in Gütersloh, into which citizens would toss their single-use glass. Reiling quickly and systematically expanded its container network beyond the Marienfeld site to include about 120 towns and communities in North Rhine-Westphalia and the south of Lower Saxony.

BUSINESS EXPANSION AND SITE DEVELOPMENT

In 1984, Bernhard Reiling Junior joined his parents' company and took over as manager. The existing treatment plants and their technology were adapted to suit the demands for recycling the ever increasing number of recyclables collected, and the process was constantly improved. With business growing, it became necessary to establish subsidiaries. Other companies were founded, such as Reiling MS-Recycling GmbH, and additional treatment sites for used glass were set up in the vicinity of the glass industry, e.g. in Gladbeck, Lünen, and in Denmark, Sweden and Poland.

Another milestone was the inauguration of a state-of-the-art flat glass processing plant in Marienfeld in 1994 and the introduction of an X-ray fluorescence analysis in 2009, critical to detecting and sorting out impurities such as lead glass and glass ceramics. Today, this treatment plant for waste glass is also used in Osterweddingen and Torgau.

We recognised recycling potential in many other raw materials and have successfully added them to our core business. Our portfolio now also includes wood, PET and photovoltaic recycling. In Hamm-Uentrop, our PET treatment plant went online in the direct vicinity of the fibre industry.
In 2020, another large PET treatment plant was built in Burgbernheim in Middle Franconia, Bavaria.

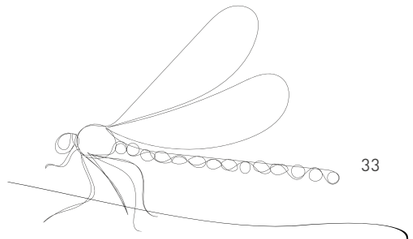
There is always much to do: Most recently, we gave the plant of Reiling Nutzfahrzeuge GmbH in Marienfeld a facelift and put our efforts into the production of foam glass gravel. Through the merger with the German foam glass division of Schlüsselbauer, Veriso GmbH & Co. KG was created in 2022.
In addition, we put the first Reiling PV recycling site in Münster into operation in 2023.

WHERE WE ARE NOW

Today, the Reiling Group has thirteen German and eight international sites with over 650 employees, many of whom have been with the company for years - a trait that defines us. What makes our family-run business strong are cohesion and engagement, fast decision-making and continuity in quality.

WHAT SETS US APART?

It is our versatility paired with the coverage of the entire recycling chain. We are a full-service provider, offering our own fleet of vehicles and our own container services. Yet it is also our drive for innovation. We take up every challenge that comes our way, are solution-oriented and have the courage to move forward – always in a deliberate manner.







Reiling GmbH & Co.KG headquarters in Marienfeld.

Germany-based locations

Headquarters:
Reiling GmbH & Co. KG
Bussemasstraße 49
D - 33428 Marienfeld

Other locations:
Reiling Glas Recycling GmbH & Co. KG
Bussemasstraße 49
D - 33428 Marienfeld
Reiling Glas Recycling GmbH & Co. KG
Solarstraße 15
D - 04860 Torgau
Reiling Glas Recycling GmbH & Co. KG
Appendorfer Weg 4
D - 39171 Sülzetal, OT Osterweddingen
Reiling Glas Recycling GmbH & Co. KG
Am Wiesenbusch 34
D - 45966 Gladbeck
Ruhrglas Recycling GmbH & Co. KG
Frydagstraße 39
D - 44536 Lünen

R-Glas Recycling GmbH & Co. KG
Söllerstraße 33
D - 21481 Lauenburg
Reiling Kunststoff Recycling GmbH & Co. KG
K'Park Straße 20
D - 59071 Hamm- Uentrop
Reiling Kunststoff Recycling GmbH & Co. KG
Im Grund 13
D - 91593 Burgbernheim
Reiling Holz Recycling GmbH & Co. KG
Weetfelder Straße 36
D - 59199 Bönen
Reiling PV-Recycling GmbH & Co. KG
Hessenbusch 180
D - 48157 Münster
Reiling Nutzfahrzeugservice GmbH
Max-Planck-Straße 29
D - 33428 Marienfeld
Veriso GmbH & Co. KG
Nienburger Str. 6
D - 31632 Husum

Veriso GmbH & Co. KG
Zeppelinstraße 15
75438 Knittlingen
Micro-Mineral GmbH
Nienburger Straße 6
31632 Husum

International locations

Reiling Glasrecycling Danmark ApS
Maglemølle 60
DK - 4700 Næstved
Reiling Glasrecycling Danmark ApS
Krumtappen 11
DK - 6580 Vamdrup
Swede Glass United AB
Smidesvägen 2
SE - 69621 Askersund
Scandinavian Glass Recycling AB
Fabriksgatan 32
SE - 26533 Åstorp

DSS Recykling Sp. z o.o.
ul. Magazynowa 1
PL - 42-530 Dabrowa Górnicza
DSS Recykling Sp. z o.o.
Osiedle Niewiadów 64
PL - 97-225 Ujazd
Reiling Glas Recycling Nederland B.V.
Van der Duyn van Maasdamlaan 1-3
NL - 6824HW Arnhem

Soon: new location for bottle and flat glass recycling in the Czech Republic

Printed on Paper with 100% Recycled Fibre



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