

MATEREALITY 2

MATEREALITY 2

How our material innovations are contributing to make the world of building, construction and manufacturing more creative, safer and sustainable.

THE PORAVER MANAGEMENT BOARD



HANS-VEIT DENNERT
Founder, owner and CEO



DAVID-VEIT KRAFFT
CEO



MATTHIAS GEBHARDT
CEO

The lightweight aggregate from recycled glass.

The world is changing faster than ever before. Manufacturers who want to be leaders in their industry tomorrow, need a powerful partner with strong products today.

In the early 1980s, Hans-Veit Dennert succeeded in producing expanded glass granules economically and on an industrial scale for the first time. His belief in the uniqueness of the product was his driving force to push the market launch of PORAVER with conviction and passion despite all the challenges that had to be mastered when launching a product that was still completely unknown in the industry.

At first, our new granulate was completely unknown worldwide. Well known manufacturers needed to be convinced of the exceptional properties of PORAVER by technical documentation and testing results. In addition, PORAVER was more expensive than the many established products that dominated the market.

Manufacturers had to rework their formulas, retest and sometimes obtain approvals again in order to use PORAVER at all. In this process, we have provided our existing and potential customers with extensive support in the form of top experts and research projects.

Unconditional commitment and entrepreneurial skill of Hans-Veit Dennert made the PORAVER group the world market leader. With PORAVER, a new class of high quality lightweight aggregates was established on the market. The sales development of PORAVER is spectacular. In 1984 we sold 12 cubic meter. With a production capacity of more than 500,000 cubic meter and 7,500 truckloads delivered per year, we are now by far the number one for expanded glass in the world. Customers across all continents trust in PORAVER.

The production process has been patented several times in the past 40 years, both because of continuous advancements in manufacturing technology and the development of new areas of application in cooperation with our customers.

Extensive investments in research, development and production were the cornerstones on the way to our goal: to be the best partner for our customers in terms of quality, technology and innovation, combined with outstanding customer service.

We are therefore very pleased to be able to present our new products, which have been developed to series production readiness by our R&D teams and engineers, alongside the globally successful PORAVER. These new products will be available to our customers worldwide to optimize their own products.

- **PORAVER**[®]
Expanded lightweight glass aggregate

NEW

- **PORASPHERES**[®]
Hollow glass spheres
Even lighter and more pressure resistant
- **EXTOVER**[®]
Our environmentally friendly fire protection agent
- **METAPOR**[®]
Our reactive additive for concrete, mortar and plaster
- **COSYHOME**[®]
Innovative and sustainable dream homes





OUR HEAD OFFICE

PORAVER GROUP SCHLUESSELFELD AND HANS-VEIT AND JOHANNA DENNERT FOUNDATION

The global headquarters and head office of the PORAVER group of companies with the divisions:

- **General Management**
- **Sales & Marketing**
- **Finance & Controlling**
- **Administration**



64

REGISTERED
PATENTS

3

PRODUCTION FACILITIES
WORLDWIDE

7,500

TRUCK LOADS DELIVERED PER YEAR

48

COUNTRIES SUPPLIED

500,000

CUBIC METERS ANNUAL PRODUCTION CAPACITY

CONTENT

PORAVER GmbH**3**

OUR RAW MATERIAL

Glass**8**

PRODUCTS

PORAVER[®]**12**

Applications**16**

PORASPHERES[®]**30**

EXTOVER[®]**38**

METAPOR[®]**44**

ABOUT US

Hans-Veit Dennert Academy**46**

Our story**50**

Partners**76**



GLASS

REMAINS GLASS

Over 7,000 years ago, man discovered the material glass - and his fascination has remained unabated right up to the present day. No other substance stimulates creativity so very much as this material does, bringing light into the darkness. No other material is so diversely workable, resistant and sparkling clean.

Glass can be shaped and colored in any conceivable manner. It can be ground, cut, filled with countless substances and even broken or finely crushed - but it always stays glass - with all its ingenious properties.



GLASS IS ULTIMATE PURITY

At home, at the workplace and en route by car, bus or train we live with glass. It surrounds us and protects us practically everywhere, day in and day out. We have been keeping food and medicine in it since time immemorial, we have been drinking from it, adorning ourselves with it or looking through it. Glass is absolutely without any harmful substances, odor neutral and free from allergens - we all know this from our own life-long experience.



GLASS IS HIGH TECH

Since the invention of the light bulb, glass has been the material of the future. Glass is revolutionizing chip production. Data highways made of glass fibers connect countries and continents. Glass provides fire protection and we see it in the screens of our communication systems. In the not too distant future, we will be able to cook with glass like in a wok, even without pans. Intelligent windows will make sun-heated buildings more comfortable and significantly reduce the energy requirements of air conditioning systems. We will get to know glass as an extremely strong new type of adhesive. There is so much more to come in the future.



GLASS IS ARCHITECTURE

Glass is able to shape the exterior of a building as well as the atmosphere of the interior. As a transparent building material, it revolutionized architecture like no other material over a hundred years ago. It also became the basis of modern architectural philosophy. "Without glass in buildings, life is a burden" was written on the crystal pavilion with which the architect Bruno Taut became one of the leading representatives of the Bauhaus school at the Werkbund exhibition in 1914, a school that is still pioneering today.



Fill made of PORAVER expanded glass with a grain size of 2-4 mm. The solid outer shell and the fine inner pore structure of PORAVER result in optimum strength and very good thermal insulation.

**MADE
FROM 100%
RECYCLED
GLASS**

PORAVER

DRAWS ON A GLOBAL SOURCE OF RAW MATERIALS

Glass of the same quality is produced all over the world. And it is fed back into recycling processes on a global level. This means that while valuable raw materials such as clay, pumice, perlite etc. have to be extracted from nature to produce other lightweight aggregates, used glass is available in huge quantities worldwide anyway. There is an abundance of glass all over the world and it is still often dumped at considerable cost. It is precisely this fact that gives PORAVER a unique economic basis that offers the lightweight aggregate first-class market opportunities in every country in the world.



PORAVER

IS EXPANDED GLASS

PORAVER is pure glass generated from post consumer recycled glass. What had to be expensively disposed of earlier on, now becomes the unique lightweight aggregate PORAVER. The PORAVER range is formed by different grain sizes from 0.04 to 4 mm. PORAVER has ingenious properties: light as a feather, round and free of crushed beads and a high compressive strength.





PORAVER IN DRY MORTAR

The spherical grain shape of PORAVER improves the trowelability through a ball-bearing effect. The lower mortar weight increases coverage up to 60 % in comparison to standard mortar. In addition, PORAVER reduces the e-modulus (young's modulus) for less cracking. Because of its creamy-white color, PORAVER is also suitable for the manufacture of white marble mortar. In addition, PORAVER in plaster, render and stucco is characterized by excellent thermal insulation and sound-absorbing properties, a class A fire safety rating as well as resistance to UV radiation and microorganisms.



PORAVER IN PANELS AND BOARDS

No matter whether fire prevention, room acoustics, air conditioning or surface finish - the demands made on wall and ceiling surfaces are multifarious. PORAVER is the favorite aggregate in products involving all these special disciplines.

Top objects such as the Louvre, Abu Dhabi or the Sydney Opera House were equipped with panels made of PORAVER.

For fire prevention, acoustic or thermal insulation panels, support systems for wall facing and paneling or interior fittings systems - the low weight of the panels with high resistance, the breathability, the healthy-living properties and even its creamy-white color predestine PORAVER for products that augment and protect people's direct living environment.



PORAVER

IN LIGHTWEIGHT CONCRETE

Nothing is impossible: Thanks to PORAVER lightweight concrete can also be used on impassable construction sites.

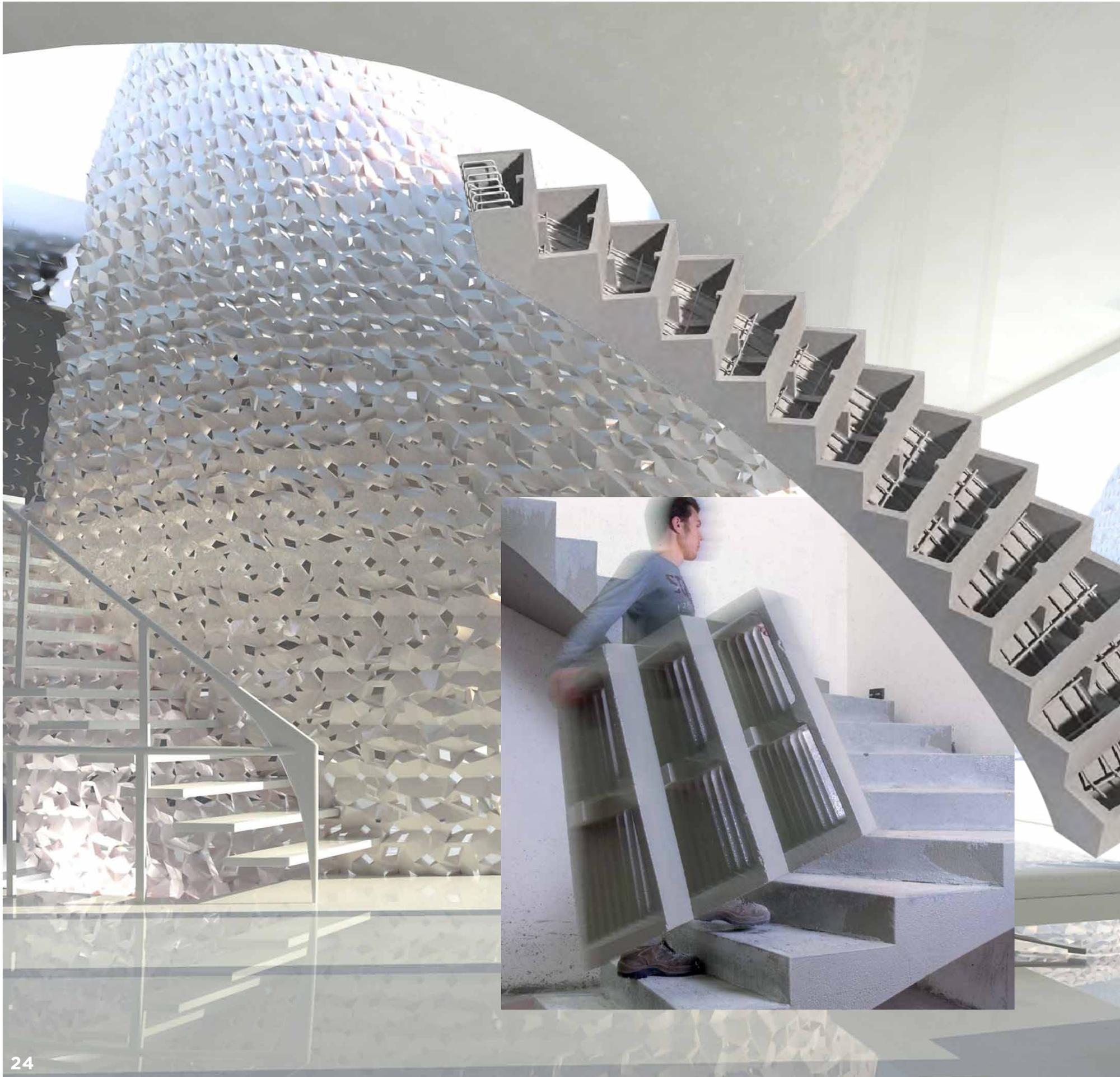




PORAVER

IN HIGH STRENGTH CONCRETE

PORAVER is ideally suited for applications with low density and high strength requirements i.e. for high performance and ultra strong concrete for architectural objects and for resin-bonded high performance systems.



PORAVER

IN 3D PRINTING

PORAVER is the ideal lightweight aggregate for 3D printing. For 3D printing with a concrete mix, PORAVER with its low weight, enables several print layers to be applied quickly without the layers settling. The printed lightweight concretes also have thermal insulation properties.

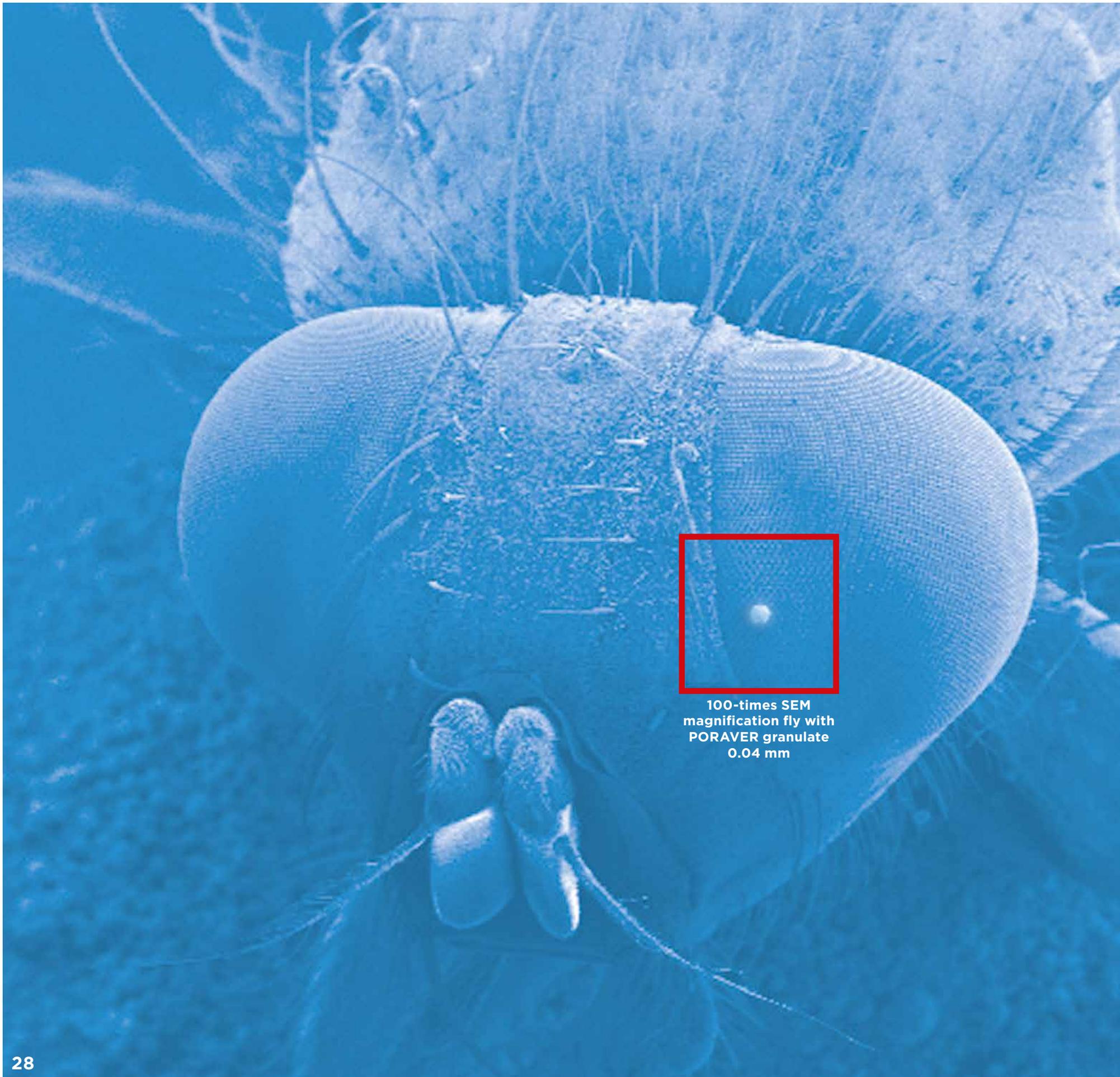
In the flatbed 3D printing process, PORAVER is applied evenly over the entire print area in a single layer. PORAVER is then bonded together by the selective application of binder. Alternatively, the bond can also be created by fusing using a laser beam, without additional binder. The next layer is then applied and so on until the object is complete. With PORAVER, the flatbed 3D printing process achieves a high level of detail and sharpness.



PORAVER

IN THE ENERGY SECTOR

PORAVER is excellently suitable as a substrate material for microorganisms, active substances or metal particles. Due to the large surface area and the multicellular structure of the PORAVER grain, a very good accumulation of microorganisms is obtained. Especially for fixed-bed reactors, for flocculation or bio filtration, PORAVER is suitable due to the special settlement and retention properties.



100-times SEM
magnification fly with
PORAVER granulate
0.04 mm

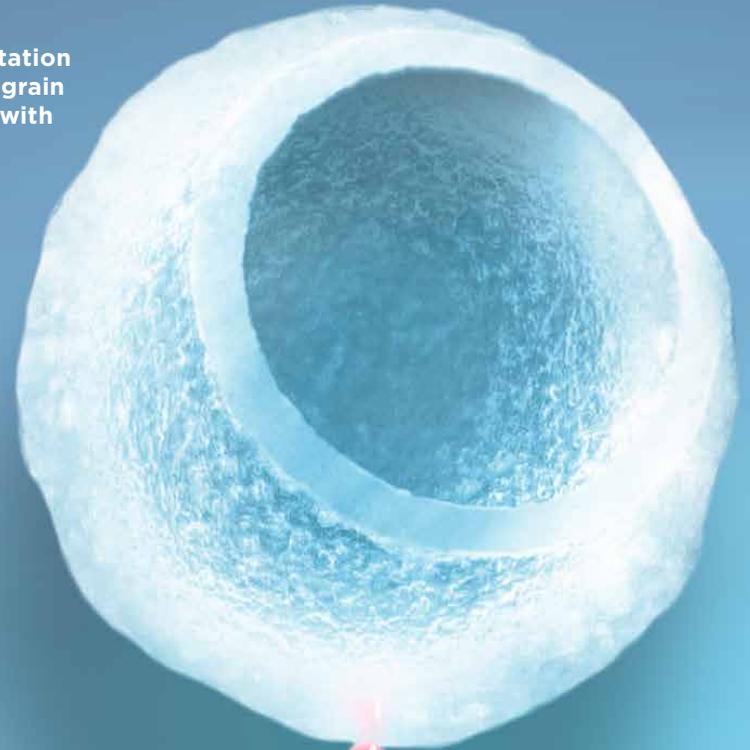
PORAVER

ALSO MICROSCOPICALLY SMALL

Evolving in practically all branches of industry from the terms “micro” and “nano” are new product and application innovations. PORAVER has been a part of this innovation driver for many years.

Microscopic granular sizes are manufactured today through new production processes largely created in the company’s own development department. These micro granulates transport the entire spectrum of PORAVER benefits into product worlds that remain hidden to the naked eye. No matter whether in paints, plastics, fibers or textiles, in surface coatings or metals, PORAVER knows no limits even in the microcosm of modern product innovations.

The schematic representation
of a cut PORASPHERES grain
illustrates the structure with
only one single cavity.

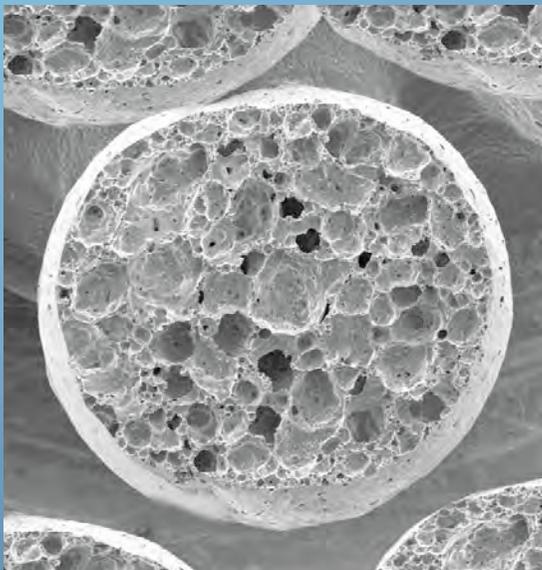


PORASPHERES[®]

**THE NEW LIGHTWEIGHT AGGREGATE
BY PORAVER**

BENEFITS

- Very good long-term stability in liquid or pasty systems
- Low weight
- High strength
- Stable strength during processing in the extruder and dissolver
- Spherical shape for high packing density and easy processing
- Structured surface for bonding to the binder matrix
- Made from recycled glass, therefore resource saving
- Mineral and not combustible



In contrast, the image of a PORAVER grain (1-2 mm) taken with a scanning electron microscope shows its multicellular internal structure.

PORASPHERES HOLLOW GLASS SPHERES

PORASPHERES hollow glass spheres are further developed from the proven lightweight aggregate PORAVER and the result of years of research. Unlike PORAVER, PORASPHERES do not have an internal multicellular structure, but a single cavity. This feature - in combination with a closed surface - results in a further significantly reduced water absorption, a significantly lower grain bulk density and, compared to the axial compressive strength of PORAVER, an extremely high isostatic strength.

PORASPHERES, like PORAVER are made only from recycled glass, binder and expansion agent and have the same environmentally friendly properties as PORAVER which has been tried and tested for decades.



PORASPHERES

FOR ON AND OFFSHORE USE IN THE OIL AND GAS INDUSTRY

The market for PORAVER and PORASPHERES has long encompassed our entire living environment, gaining new market shares in all those instances where improved product properties culminating in less weight, greater insulation effect, more ecology or optimized processing are in demand.

Our product developments are focusing on high-strength granulates or on implementation of additional properties, such as magnetism. Practical tests in the offshore field, in automotive construction, as well as in other industries open up numerous interesting markets for the future.



PORASPHERES

FOR FRACKING

In fracking, fluids are forced into the boreholes under high pressure with support grains. The support grains are intended to keep the resulting cracks open after the fluid has been pumped out. If conventional sands are used, a high proportion of chemicals must be added to the fluids to prevent the sand from settling.

In contrast, PORASPHERES form a stable solid/liquid mixture with water without sinking or floating. This means that the addition of chemicals can be reduced or even completely avoided. The spherical shape of the PORASPHERES improves deep penetration into the cracks. PORASPHERES has successfully passed tests according to the globally recognized API standard (American Petroleum Institute) in the field of fracking.



PORASPHERES

IN SPACE

During the complex and technically demanding launch processes and during the acceleration phase of rockets, large quantities of emissions are produced within a very short time. PORASPHERES are used as a lightweight filter medium to filter and clean these exhaust gases.

The uniform and homogeneous nature of PORASPHERES as a mineral medium with high temperature resistance, insulation properties and long-term stability ensures excellent consistent performance.





EXTOVER

FIRE EXTINGUISHER ALSO FOR ELECTRIC CARS

EXTOVER enables fire departments to effectively bring battery fires, for example in electric cars, electric bicycles or high voltage storage systems, under control with small quantities. Only 1.5 cubic meters of EXTOVER is required for an electric car fire. For easy and safe handling, it is also possible to convey EXTOVER directly to the fire using pneumatic conveying devices. As a dry extinguishing agent EXTOVER does not contaminate the surrounding ground.

Once the fire has been extinguished, EXTOVER can simply be soaked up and disposed of properly. Negative environmental influences caused by extinguishing with chemical foams are thus minimized.





EXTOVER

FOR TRANSPORT OF DANGEROUS GOODS

EXTOVER is excellently suited as a fire protection and chemical binding agent for securing air freight and hazardous goods transportation.



EXTOVER

FOR E-BIKE BATTERIES AND GOLF TROLLEY BATTERIES

Lithium-ion batteries are used in many e-bikes and golf trolleys. However, these batteries pose great risks, especially whenever such a battery catches fire.

With EXTOVER, burning batteries can be extinguished safely and reliably. In addition, batteries can also be stored in protective boxes filled with EXTOVER so that the fire is immediately suppressed in the event of a fire and therefore cannot spread.

Watch EXTOVER video:



<https://poraver.com/video/extover>





METAPOR

METAKAOLIN

METAPOR is a highly reactive metakaolin and can significantly improve the properties of mineral and ceramic products. As a pozzolanic binder, METAPOR reduces the amount of cement required, simultaneously compacts the structure and improves the bonding of the aggregates. A potential alkali-silica reaction is suppressed, which extends the durability of the component.



DUAL STUDY PROGRAM

APPLIED MATERIALS SCIENCE

with a focus on glass/ceramics including training, e.g. as a building materials tester or chemical laboratory technician.

Did you know that two thirds of all technical innovations are based on material developments? Would you also have thought that materials are a key to finding a way out of the climate crisis? If you would like to actively work on such innovative materials for our future, the Applied Materials Science course is the right place for you!

During your studies, you will learn how materials and technologies are developed that are then used in the aerospace, construction, coating and plastics industries and other exciting areas of application.

Aspects such as quality, environmental compatibility and economic efficiency play an important role here. Competent minds from the field of applied materials science are therefore the future for PORAVER.

DUAL STUDY PROGRAM

**ELECTRICAL
ENGINEERING AND
INFORMATION
TECHNOLOGY**

Whether smartphone, e-mobility or computer chip, micro or navigation system, solar power system or autonomous robots, without electronic devices and intelligent systems, our modern world would suddenly come to a standstill. Electrical engineering and information technology keep it running and make our lives easier with pioneering technologies.

The course prepares students for countless career opportunities in research, development and production: From communications, automation and medical technology to the aerospace industry and renewable energy supply.

After a basic course in electrical engineering and information technology, students specialize scientifically and practically in automation and communication technology. The fields of robotics, software engineering and chip development as well as artificial intelligence play a central role here.



DUAL STUDY PROGRAM

BUSINESS ADMINISTRATION

including training, e.g. as an industrial clerk.

Would you like a practical, interesting and varied course of study? Then the Business Administration course is just right for you. Here you will learn general knowledge of business administration and you can specialize in areas such as controlling or finance according to your individual interests. You will develop teamwork and problem-solving skills and prepare yourself optimally for your dream job in the international SME sector at PORAVER.

Business fundamentals such as cost and performance accounting, bookkeeping and financing form part of the course. With specialization and elective subjects, e.g. controlling, marketing, personnel management or sales, various focal points can be set on this basis. The practical relevance is directly linked to the theoretical content: Case studies, business simulations, excursions or practical projects in our company are firmly integrated.

DUAL STUDY PROGRAM

**MECHANICAL
ENGINEERING**

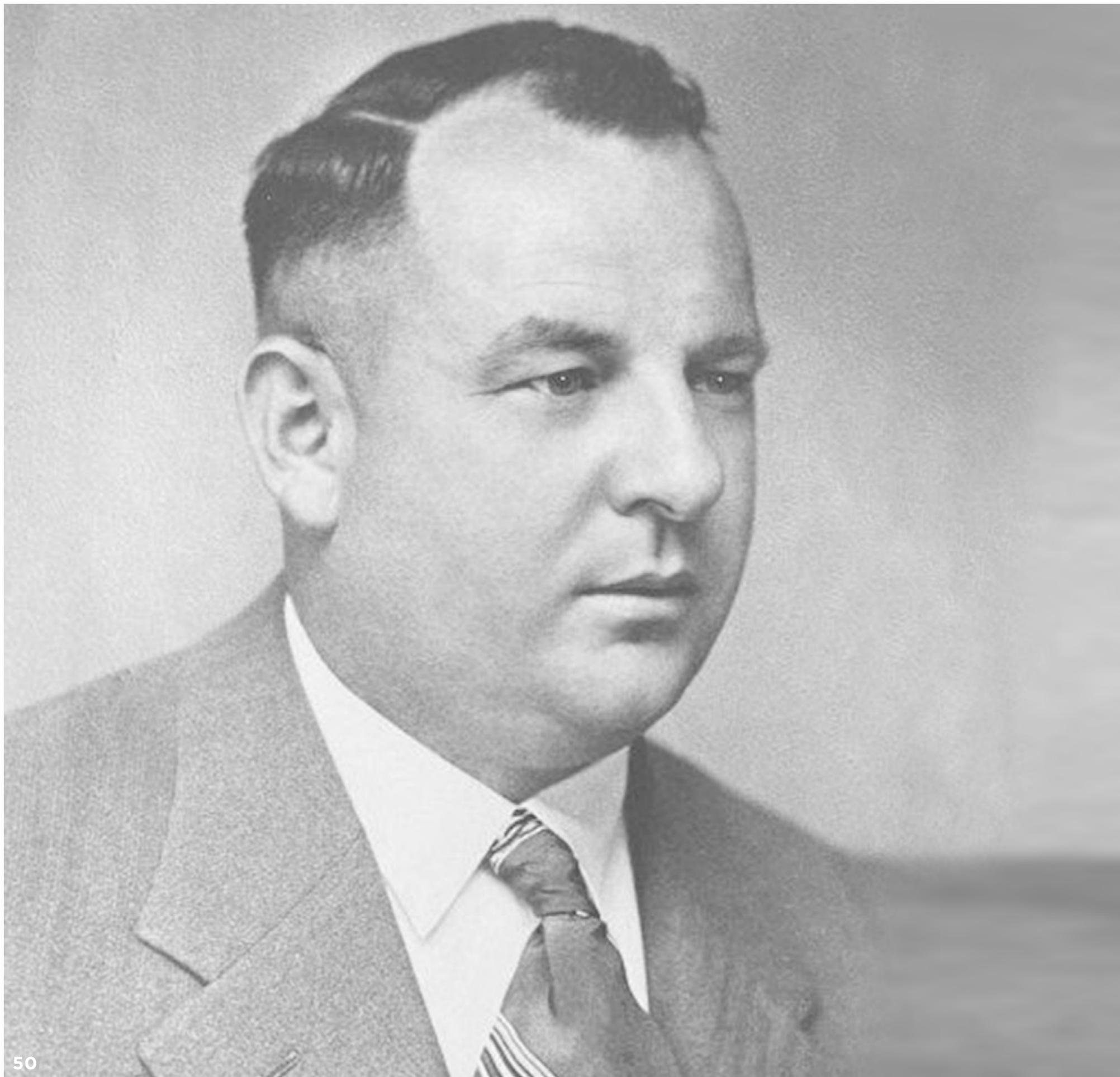
including training, e.g. as an industrial mechatronics technician.

Mechanical engineers work in an unsurpassed variety of fields, ranging from machines, vehicles, apparatus and systems to operating procedures, processes and materials. In research as well as in the planning, development, design and production of innovative products, engineers play a decisive role in shaping the future at PORAVER. Organizational, business management and socio political topics are always of importance.

Tasks include developing and testing low-emission combustion processes as well as planning and building highly efficient energy systems, planning optimal production processes in our factories, testing new materials and continuously improving our production systems.

During your studies, you will primarily learn the fundamentals of mathematics, science and engineering. An internship semester outside the university is an integral part of the course and could also take place at our PORAVER production plant in Canada.





1901-1956

THE CORNERSTONE OF THE COMPANY

Veit Dennert sr. (1901-1956), father of Hans-Veit Dennert, founded a building materials trade in the 1930s and started producing building materials in 1948 - this was the foundation stone for Veit Dennert KG, which was founded in 1956 after the death of Veit Dennert senior. In the following five decades, under the management of Hans-Veit Dennert and his brother Heinz Dennert, the company developed into one of the most successful manufacturers of building materials in Germany.

The KG shares of Heinz Dennert (†2008) were inherited by his two sons. In 2006, Hans-Veit Dennert exchanged his KG shares for the shares of the KG subsidiary PORAVER GmbH and has been the sole owner of PORAVER GmbH since 2006. Hans-Veit Dennert transferred 30% of his shares to his wife Johanna Dennert in 2007.

In 2015, the Hans-Veit and Johanna Dennert Foundation was established, to which all shares of the PORAVER group of companies will be transferred in due course in order to secure the future of the company in the spirit of its founder Hans-Veit Dennert.



1960-1982

**PRODUCTION OF HIGH-STRENGTH
EXPANDED CLAY**

In 1960, Hans-Veit Dennert and his brother set up a plant in Postbauer-Heng, Germany for the production of high strength expanded clay. The lightweight aggregate was successfully distributed worldwide under the brand name „detoon“.



1983

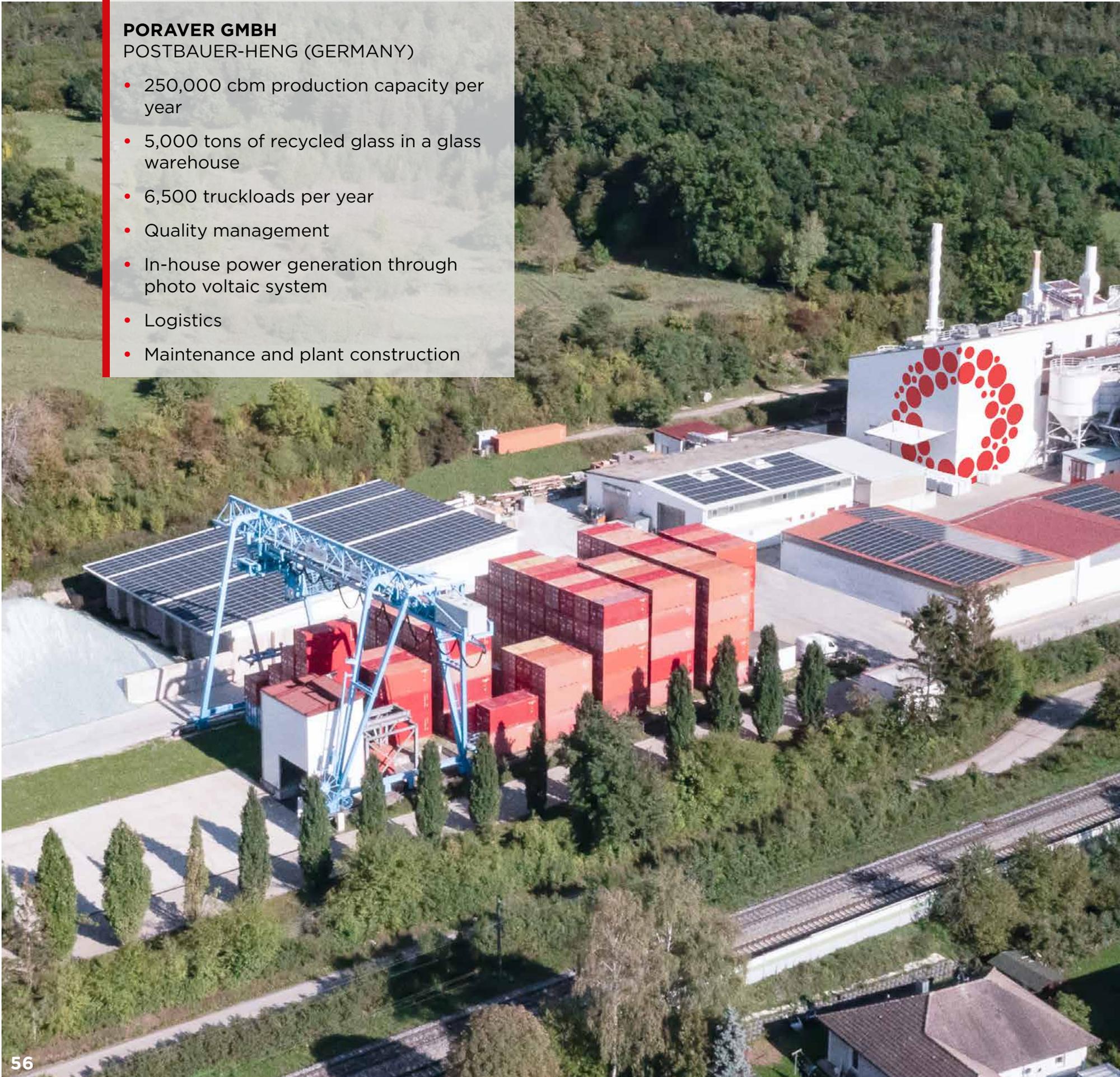
**THE PORAVER SUCCESS STORY BEGINS
THE ORIGINAL FROM THE INVENTOR**

After the production of expanded clay from 1960-1982, Hans-Veit Dennert succeeded in 1983 in replacing the clay required for the previous lightweight aggregate production with recycled glass - PORAVER expanded glass was born. At that time, it was a completely new type of building material that no one had heard of or known what this new and comparatively expensive material could be used for.

Hans-Veit Dennert, however, was firmly convinced that a product with such unique high-class technical properties would revolutionize and conquer the market for lightweight aggregates.

PORAVER GMBH
POSTBAUER-HENG (GERMANY)

- 250,000 cbm production capacity per year
- 5,000 tons of recycled glass in a glass warehouse
- 6,500 truckloads per year
- Quality management
- In-house power generation through photo voltaic system
- Logistics
- Maintenance and plant construction





1983

PLANT POSTBAUER-HENG (GERMANY)

In 1960, our company developed and produced the very first high-strength expanded clay in Europe (called „detoon“) and was very successful with it. The construction of previously unfeasible projects, such as the bridge over the A9 freeway near Hof/Bavaria built by Dyckerhoff & Widmann, was now possible. Detoon license plants were also built and put into operation with our know-how at the end of the 1960s in Sardinia (Italy) and Mexico. At the end of the 1970s, expanded clay was no longer able to meet the market's demand for ever higher quality lightweight aggregates in terms of grain size, weight, thermal insulation and so on. We therefore used our extensive experience in the development of high-strength detoon expanded clay and now concentrated fully on the all-important material glass.

In 1984 it was done: the production facilities in Postbauer-Heng, which we had largely developed ourselves, produced the first and only expanded glass granulate with unique and unsurpassed advantages using a globally patented process.

PORAVER NORTH AMERICA INC.
INNISFIL, ONTARIO (CANADA)

- 100,000 cbm production capacity, expandable to 200,000 cbm
- 1,000 truckloads per year
- Sales & Logistics North America
- Laboratory for application technology
- Quality management
- Maintenance and plant construction
- 2024: Construction of a warehouse
- 2028: Construction of the 3rd production line. Increase in capacity from 100,000 to 150,000 cbm per year

PORAVER[®]
Sustainable Material Innovation



2007

PORAVER NORTH AMERICA INC.

Since 2007, we have also been producing PORAVER in Canada for the American market. PORAVER North America is based on the German plant concept and was consistently supported by leading employees of PORAVER GmbH before and during the construction phase, during commissioning and in the first year of trading. In this way, the basis for the PORAVER quality „Made in Germany“ could be sustainably consolidated.



Anerkennungsurkunde

Die von Frau Johanna Dennert und Herrn Hans Veit Dennert,
Schlüssselfeld, mit Urkunde vom 11. März 2015
errichtete

Hans Veit und Johanna Dennert Stiftung

- Stiftung des bürgerlichen Rechts mit Sitz in Schlüssselfeld -

wird gemäß § 80 des Bürgerlichen Gesetzbuchs und Art. 3 des
Bayerischen Stiftungsgesetzes anerkannt.

Die Stiftung ist damit rechtsfähig.

Bayreuth, 31. März 2015
Regierung von Oberfranken

Wilhelm Wenning
Regierungspräsident

2015

HANS-VEIT AND JOHANNA DENNERT FOUNDATION FOR NON-PROFIT PURPOSES

The Hans-Veit and Johanna Dennert Foundation has the objective of helping people in need, regardless of their age, gender, denomination, marital status or membership of a particular social group, if aid is not provided by other organizations. In the long term, the company shares will be transferred to the foundation in order to secure the continuation of the PORAVÉR group in the spirit of Hans-Veit Dennert. From its foundation until 2024, more than 1 million Euros were donated to over 500 people in need.



HANS-VEIT AND JOHANNA DENNERT FOUNDATION



JOHANNA DENNERT
Founding member

HANS-VEIT DENNERT
Founding member &
Chairman of the Board



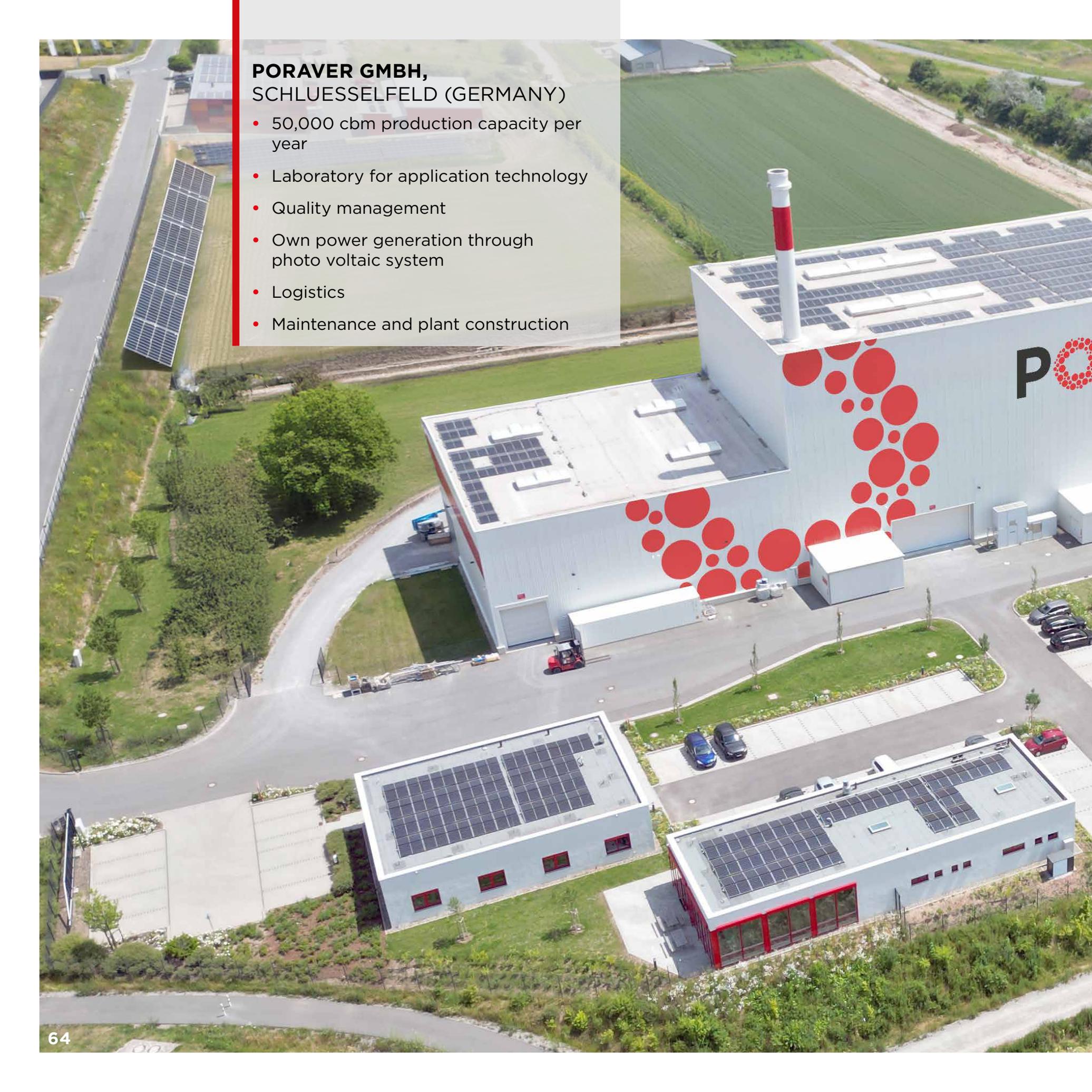


2022

**THE SUCCESS STORY CONTINUES
START OF THE ULTRA MODERN
PRODUCTION PLANT IN
SCHLUESSELFELD (GERMANY)**

Hans-Veit Dennert launched the state-of-the-art production plant for PORASPHERES hollow glass spheres in Schlüßelfeld on 22 December 2022. Years of intensive research have made it possible to develop PORASPHERES and the necessary production technology. PORAVER GmbH is the first and only manufacturer to produce hollow glass spheres from recycled glass in excellent quality and to sell them to its customers worldwide.

40 years ago, the PORAVER success story began with the market launch of PORAVER. The new product PORASPHERES will continue to drive the company's outstanding development in the decades to come.



**PORAYER GMBH,
SCHLUESSELFELD (GERMANY)**

- 50,000 cbm production capacity per year
- Laboratory for application technology
- Quality management
- Own power generation through photo voltaic system
- Logistics
- Maintenance and plant construction



2023

PLANT SCHLUESSELFELD (GERMANY)

With the construction of our third production plant, we have created the foundation for further company growth in the coming decades. With the new plant in Schluesselfeld, the PORAYER group has 8 production lines worldwide with a production capacity of over 500,000 cbm per year.

The new plant in the immediate vicinity of the head office in Schluesselfeld will consolidate and secure the company's market leadership position as the world's largest manufacturer of expanded glass made from recycled glass.





2024

EXPANDING OUR HEADQUARTERS

The PORAVER company headquarters in Schluesselfeld is being expanded with a state-of-the-art, energy efficient new building with geothermal energy and a photo voltaic system. The new building was completed by mid 2024. It offers plenty of space for further growth and state-of-the-art offices for our employees and attractive meeting facilities for our guests.



COSYHOME[®]

PORAVER HOUSES WITH A CLEAR CONSCIENCE.



2024

DREAM HOMES BY COSYHOME MADE OF WOOD AND PORAVER

We are committed to creating environmentally friendly living spaces, which we have been realizing with COSYHOME since 2024.

COSYHOME is a PORAVER house with a globally unique wall structure made of wood and PORAVER expanded glass granulate as thermal insulation.

PORAVER, which has been tried and tested worldwide for 50 years, has been awarded the Blue Angel, provides outstanding thermal insulation, heat protection in summer, excellent acoustics, fire protection, a noticeably pleasant indoor climate and is naturally free of chemical vapors.

Our aim is to combine sustainability, top quality and first-class technical values with modern design. This creates a healthy living climate for the benefit of people and the environment.



2025

ADVERTISEMENT FOR COSYHOME

COSYHOME advertising campaign, as it appeared from June to November 2025 in various German print media, including the Fränkischer Tag Bamberg and the Steigerwald Kurier.

COSYHOME: PORAVER-HÄUSER MIT GUTEM GEWISSEN



HANS-VEIT DENNERT
Gründer, Inhaber
und Firmenchef

DAVID-VEIT KRAFFT
Geschäftsführer

MATTHIAS GEBHARDT
Geschäftsführer

Seit über 70 Jahren steht Hans-Veit Dennert für erfolgreiche Innovationen in der Baustoffbranche.

1983 revolutionierte Hans-Veit Dennert die Branche mit PORAVER®, dem weltweit erfolgreichen Blähglasgranulat aus Recyclingglas. Über Jahrzehnte unterstützte er als Geschäftsführer die Entwicklung und erfolgreiche Vermarktung von Stahlbeton-Häusern. Mehr und mehr wird Beton jedoch sehr kritisch gesehen, deshalb setzt Hans-Veit Dennert heute mit COSYHOME® aus Holz und mit PORAVER® als Dämmstoff auf eine nachhaltige und klimafreundliche Bauweise, zum Wohl von Mensch und Umwelt.



PORAVER-HÄUSER SIND DER NEUE STANDARD

Jedes **COSYHOME entlastet und reinigt** unsere Umwelt von bis zu 75.000 kg klimaschädlichem CO₂.

Im natürlichen Kreislauf wächst das Holz nach und schützt unser Klima. Die Verbindung aus Holz und Recyclingglas macht unsere PORAVER-Häuser weltweit einzigartig!

Jedes Stahlbeton-Fertighaus bedeutet: 80.000 kg Beton, 57.400 kg Zement, 29.500 l Wasser, 2.400 kg Stahl – und 11.000 kg klimaschädliche CO₂-Belastung.

Dies treibt die Erderwärmung weiter voran und beschleunigt die drohende Wasserknappheit.

COSYHOME - WÄRMEDÄMMUNG MIT PORAVER

Der COSYHOME-Wandaufbau setzt neue Maßstäbe: Unser seit 50 Jahren weltweit bewährtes PORAVER-Blähglasgranulat wurde mit dem Blauen Engel ausgezeichnet, sorgt für hervorragende Wärmedämmung, sommerlichen Hitzeschutz, exzellente Akustik, Brandschutz, spürbar angenehmes Raumklima und ist natürlich frei von chemischen Ausdünstungen.

COSYHOME - SCHLÜSSELFERTIG ODER AUSBAUHAUS

Unser Ausbauhaus senkt den Eigenkapitalbedarf deutlich. Statt Bankschulden jahrzehntelang abzuzahlen, entspannt Urlaub machen und in Ruhe überlegen, ob Sie mit den ersparten Zinsen, einfach nur das Leben genießen oder in den weiteren Ausbau Ihres COSYHOME investieren.

www.poraver-cosyhome.com

cosyhome@poraver.de

09552 92977-38





2025

PORAVER BEE HOUSE OUR CONTRIBUTION TO NATURE CONSERVATION

As a responsible company, PORAVER GmbH is actively committed to protecting and promoting bees. The company's own bee house is part of a comprehensive sustainability strategy that combines ecological responsibility with entrepreneurial action.

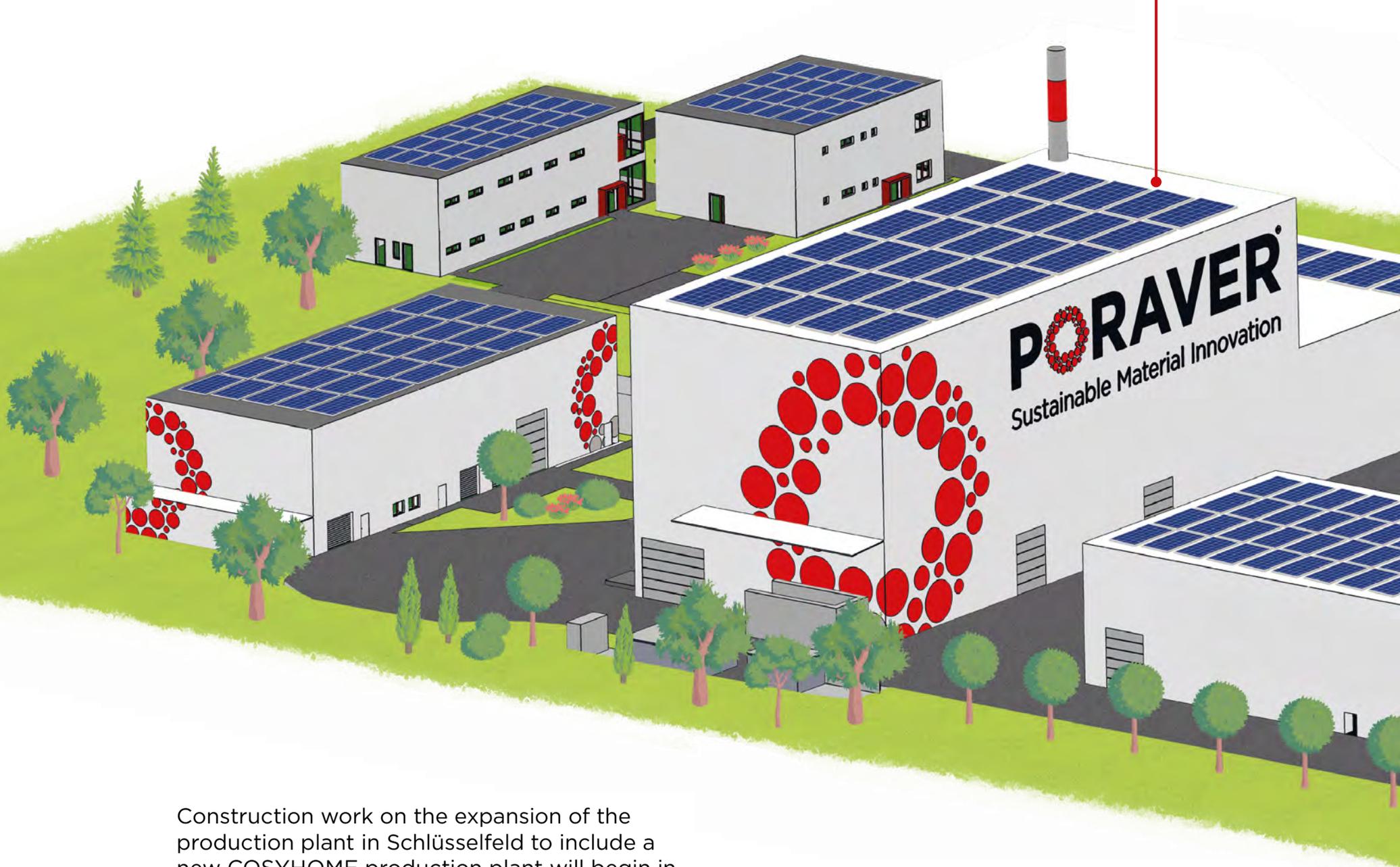
Beekeepers from Schlüsselfeld operate the PORAVER bee house. The PORAVER honey produced there is given to customers, partners, and employees as gifts. In addition, the bee house opens its doors to school classes and kindergarten groups. This allows young people to learn about the importance of bees for our ecosystem in a vivid way—a valuable contribution to environmental education and awareness.

2026 - 2030

OUR EXPANSION PLANS

2022

Production line 1 starts with a capacity of 50,000 m³ PORAVER or PORASPHERES per year.



Construction work on the expansion of the production plant in Schlüsselfeld to include a new COSYHOME production plant will begin in 2026/2027.

In 2023, a total of 2,800 m² of PV modules were installed on the roofs of the buildings and on the embankment of the property, producing up to 600 kW of electricity. By 2030, we plan to double our own electricity generation with additional PV systems.

Planning for 2026 / 2027

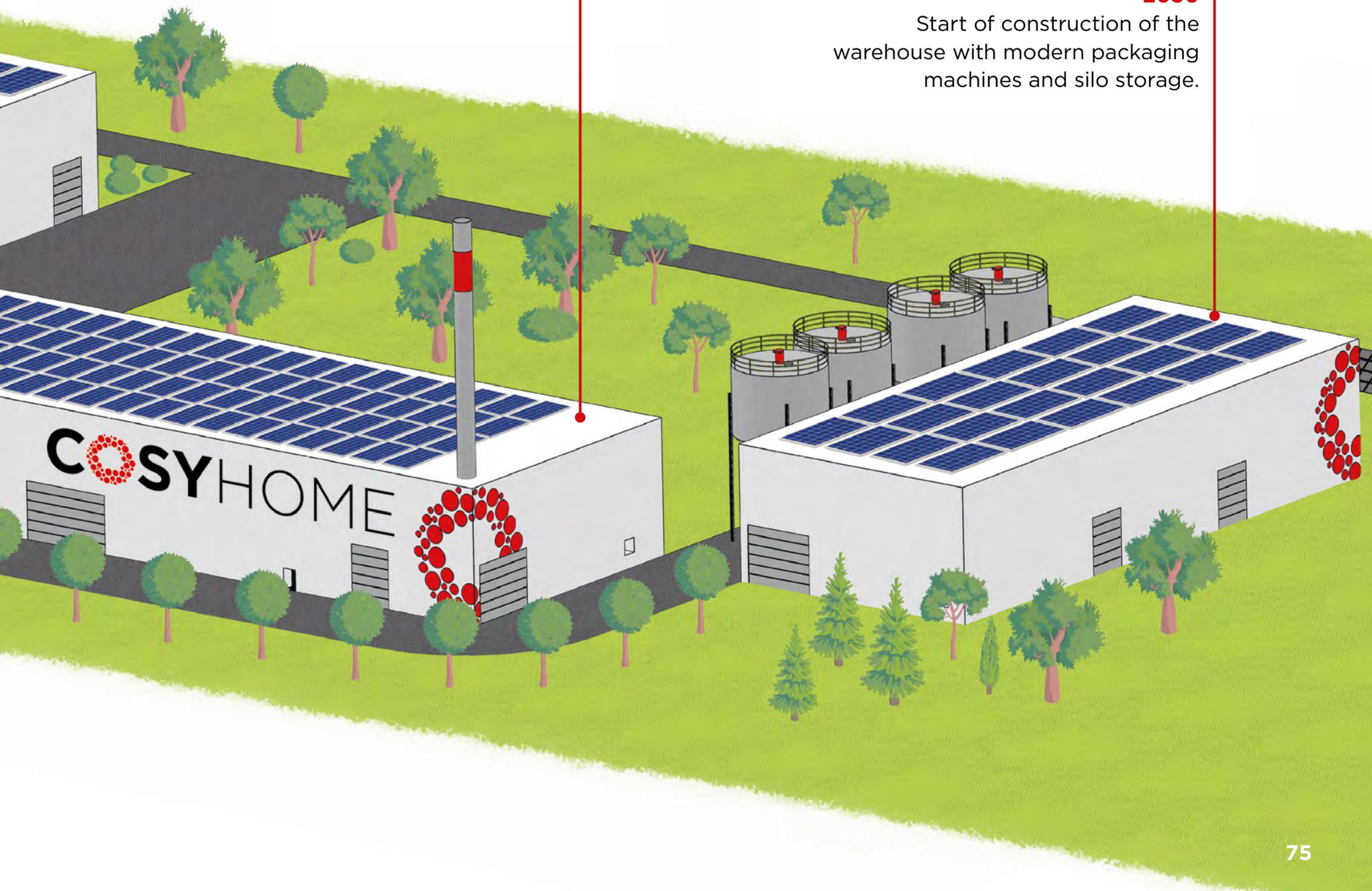
Start of construction of the first COSYHOME production plant with a production capacity of up to 100 COSYHOME houses.

2027

Commissioning of the COSYHOME production plant.

2030

Start of construction of the warehouse with modern packaging machines and silo storage.



OUR PARTNERS

**A SUCCESSFUL FUTURE
BEGINS NOW.**

We support new collaborations with universities and encourage young and enthusiastic researchers worldwide to join us in developing new ideas for a successful future.

<p>Technical University of Munich</p> 	<p>University of Bayreuth</p>  <p>UNIVERSITÄT BAYREUTH</p>	<p>Swiss Federal Institute of Technology Zurich</p> 	<p>Freiberg Mining Academy</p> 
<p>Technical University of Berlin</p> 	<p>Research area of building materials science</p> 	<p>Clausthal University of Technology</p> 	<p>University of Applied Sciences Landshut</p> 
<p>University of Toronto</p> 	<p>University of Patras</p> 	<p>South German Center for Plastics</p> 	<p>Windblade Covestro</p> 
<p>Hochschule für Bildende Künste Dresden</p> 	<p>University of Antwerp</p> 	<p>University of Sherbrooke</p> 	<p>Frankfurt University of Applied Sciences</p> 
<p>Lübeck University of Applied Sciences</p> 	<p>University of Padua</p>  <p>UNIVERSITÀ DEGLI STUDI DI PADOVA</p>	<p>New York University</p> 	<p>Nuremberg Technical University</p> 

OUR PARTNERS IN ENVIRONMENTAL PROTECTION

- RAL gGmbH - Blue Angel certification, Bonn
- VEA - Federal Association of Energy Buyers
- Initiative for climate-friendly SMEs, Hanover
- Initiative of the Bavarian State Ministry of the Environment and Consumer Protection
- ecovadis sustainability ratings
- Interzero - Zero Waste Solutions
- ISO certification according to ISO 50001 (energy management)
- ISO certification according to ISO 14001 (environmental management)
- ISO certification according to ISO 9001 (quality management)

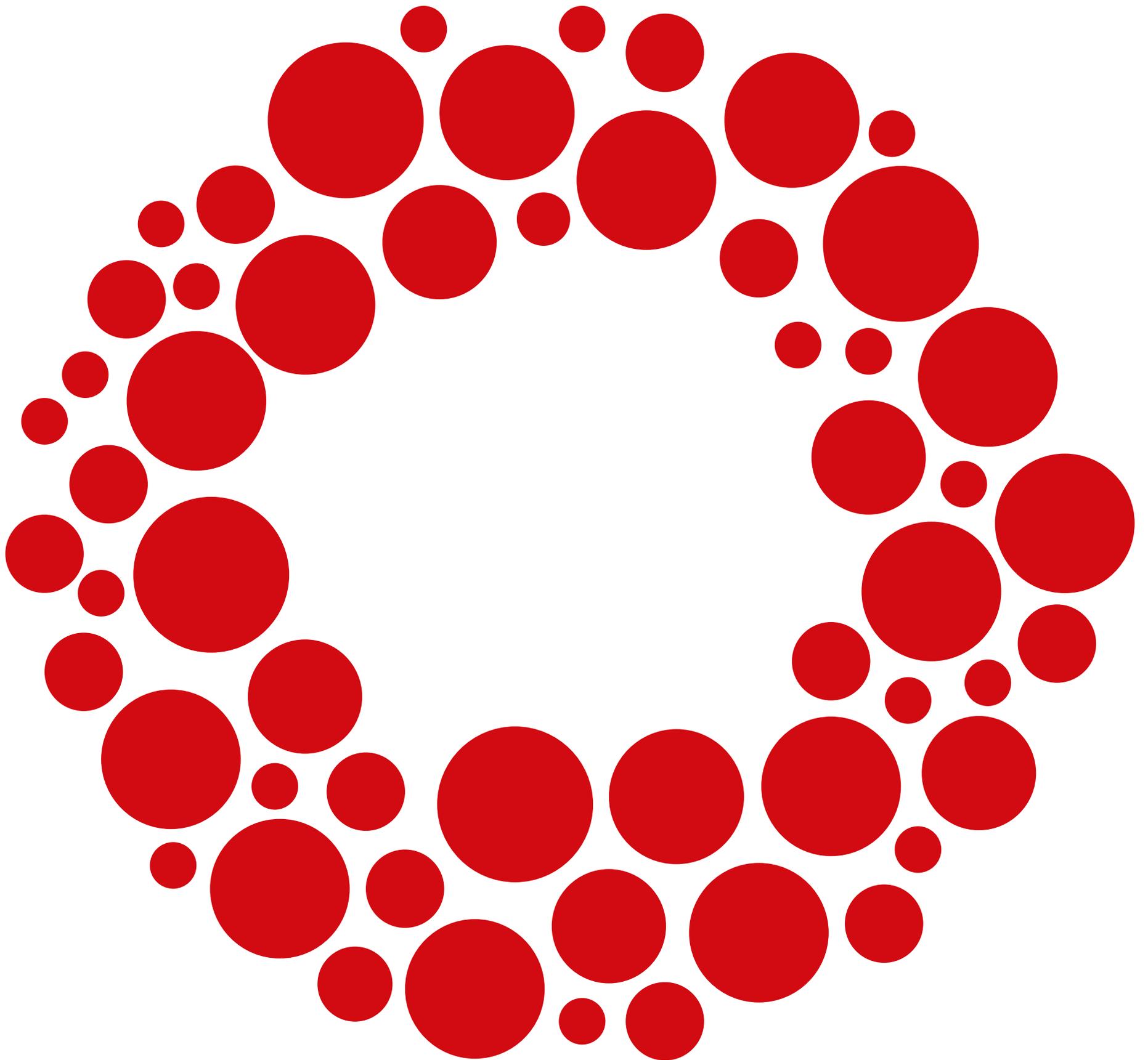


www.blauer-engel.de/uz132



Our purpose

is to make the world of
building, construction
and manufacturing more
creative, safer and
sustainable.





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