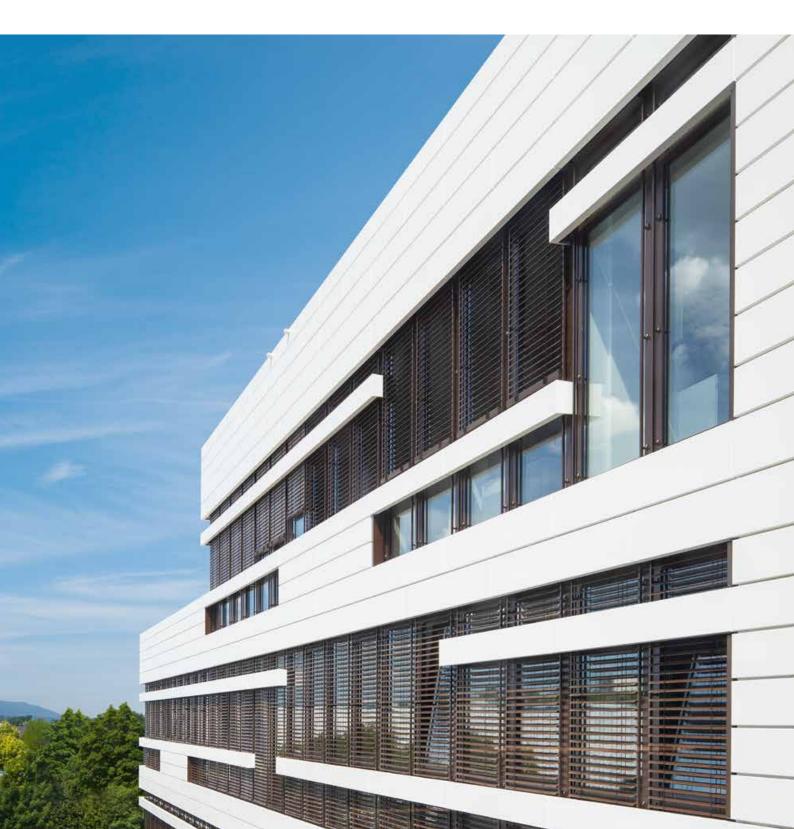
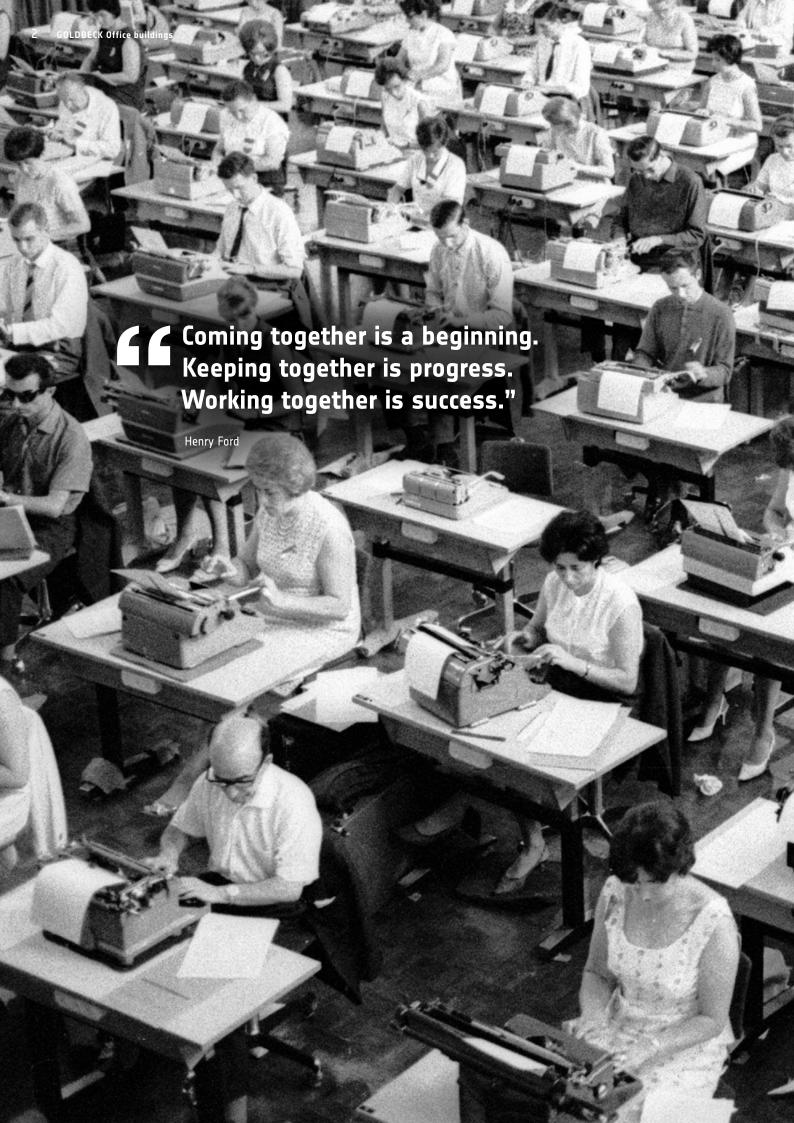


Office buildings

bespoke comfortable economical















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Designing and building

You can count on us

Planning and building with GOLDBECK means: as the building owner, you have planning security. You can rely on set deadlines, fixed costs, fast construction times and high-quality construction work. From the initial idea to the successful operation of your office property, we are by your side — with a clever construction system, a variety of well-thought-out services and our personal, all-round support. This way, we lighten your load so you have more time for your daily business.





Your journey with GOLDBECK



Embark on your journey with GOLDBECK! The journey to your completed building is based on a multi-layered complex project sequence: ideas are developed and refined, decisions made, deadlines set, work steps coordinated and then executed. Our goal is to provide you with the best possible support and create maximum transparency at all times.

Get a first glimpse of what awaits you on your journey with GOLDBECK.



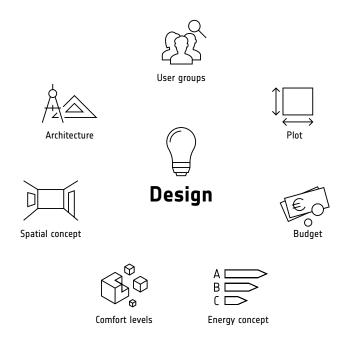




Consulting and planning

We take it personally! During the construction of an office building, various complex issues must be considered and the relevant course of action agreed upon. We see personal contact as the key to our shared success. That's why you'll find a reliable personal contact in your region who keeps all the threads of your project together and works with you to determine and analyse your precise specifications and vision.

Various planning tools are used in workshops, such as our Room Module Planner and the GOLDBECK Comfort Levels. In this way, we get to know you and your needs quickly and start a purposeful planning process with a coherent spatial concept and architectural design.



Discover what's possible

Let yourself be inspired! Our customer forums in Bielefeld, Hirschberg and Leipzig offer plenty of space for initial ideas and impressions. Here, you can experience components in their original size and "get to grips" with technology in the true sense of the word. You can also digitally immerse yourself in the world of office buildings in one of our branches at your location. Virtually accessible buildings provide an early insight into the various possibilities open to you. Your contact person will gladly take you on a virtual journey to your dream property. There you can experience buildings and façades up close, configure office concepts and try out materials and furnishing options. This way, we realise your requirements for the building and the subsequent operation, creating a goal-oriented planning approach for your office building.



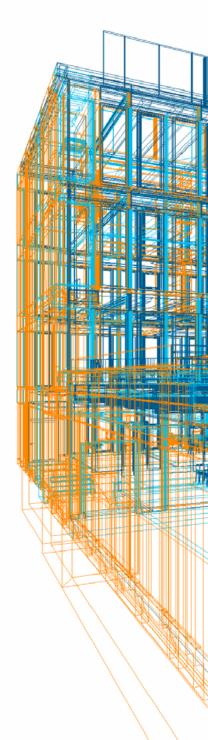


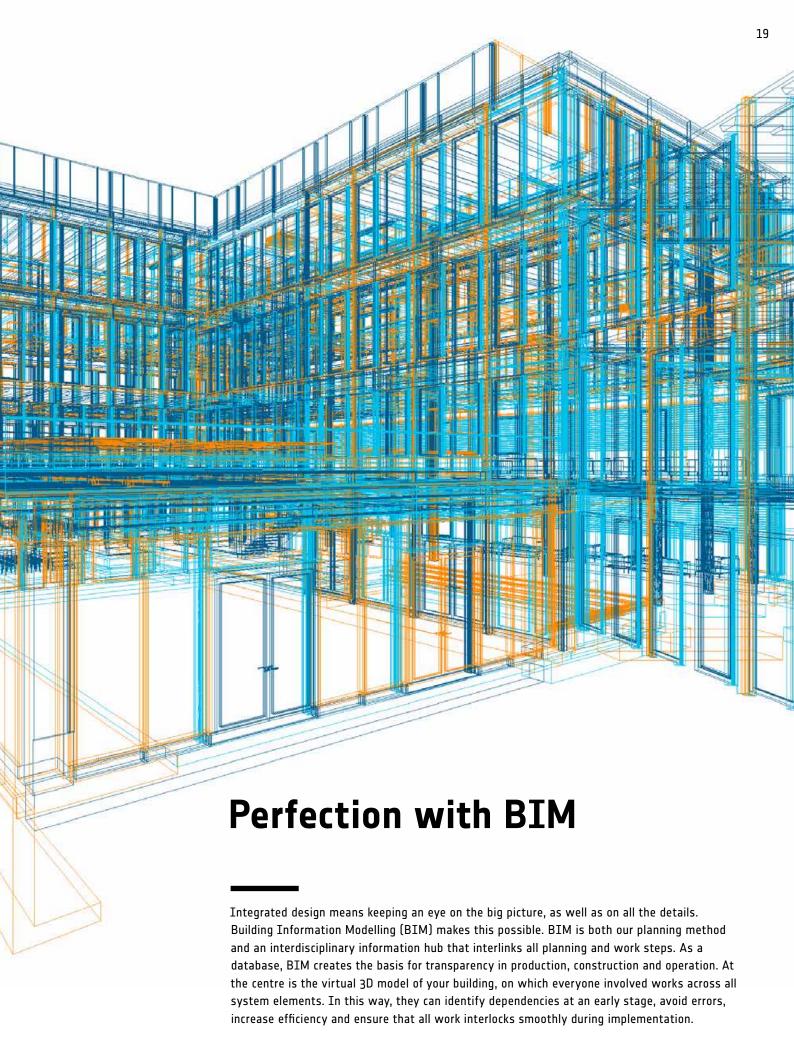


Integrated design

The next step is taken by our planning teams, which consist of experts from various disciplines. In our integrated design department, technicians, architects and building managers work together, think through all the aspects in an interdisciplinary way and incorporate the subsequent operation of the building in the planning process — for office buildings where optimal form and function meet low maintenance costs and certified sustainability.

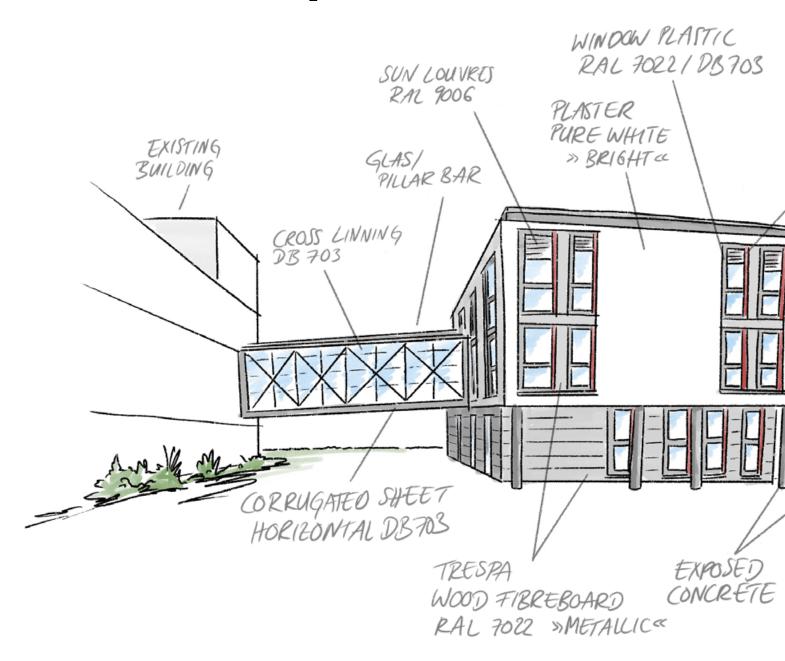


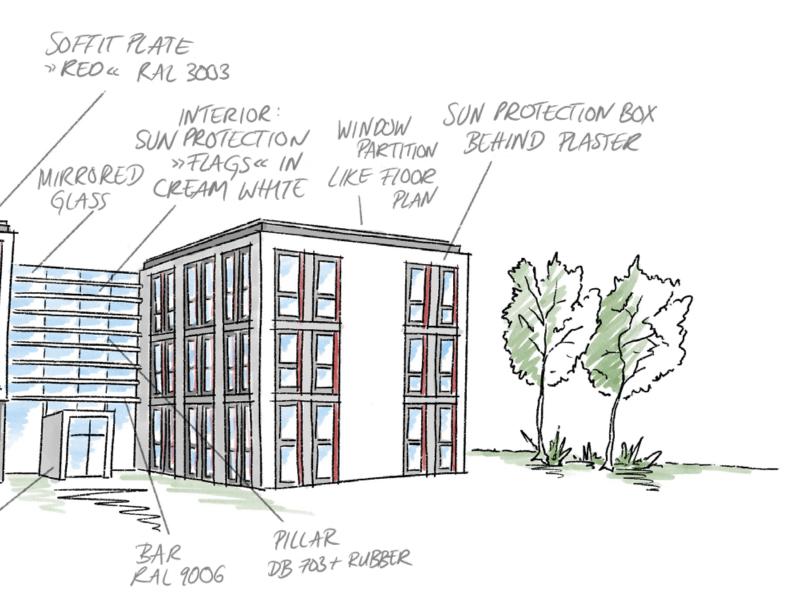




Individuality

with a system





For us, system and individuality are not mutually exclusive

The free play with architectural possibilities is systematic at GOLDBECK. Freedom in form and function follows proven rules. This is our way of implementing quality and individuality quickly and economically.



The system makes the difference

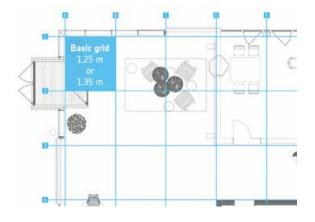
Office buildings from GOLDBECK are one of a kind. Each one is built using our System. The basis: innovative system elements, perfectly matched to their function, which can be combined and customised to create tailor-made configurations. Our construction system for office buildings with up to seven storeys allows both clients and architects a high degree of creative freedom, makes optimum use of land and guarantees flexibility in secondary and tertiary use.



The design principle

At GOLDBECK, diversity in design has a fixed measure that corresponds to the standard of office buildings in Germany: 1.25 metres — or 1.35 metres if a little more comfort is desired — are the basis of the grid on which we plan office buildings. With this design principle, we implement your wishes and design the layout, supporting structure, façade, interior design and building system installations.

This principle also enables maximum variability and creates space for individual solutions.



Parameters for the floor plan design

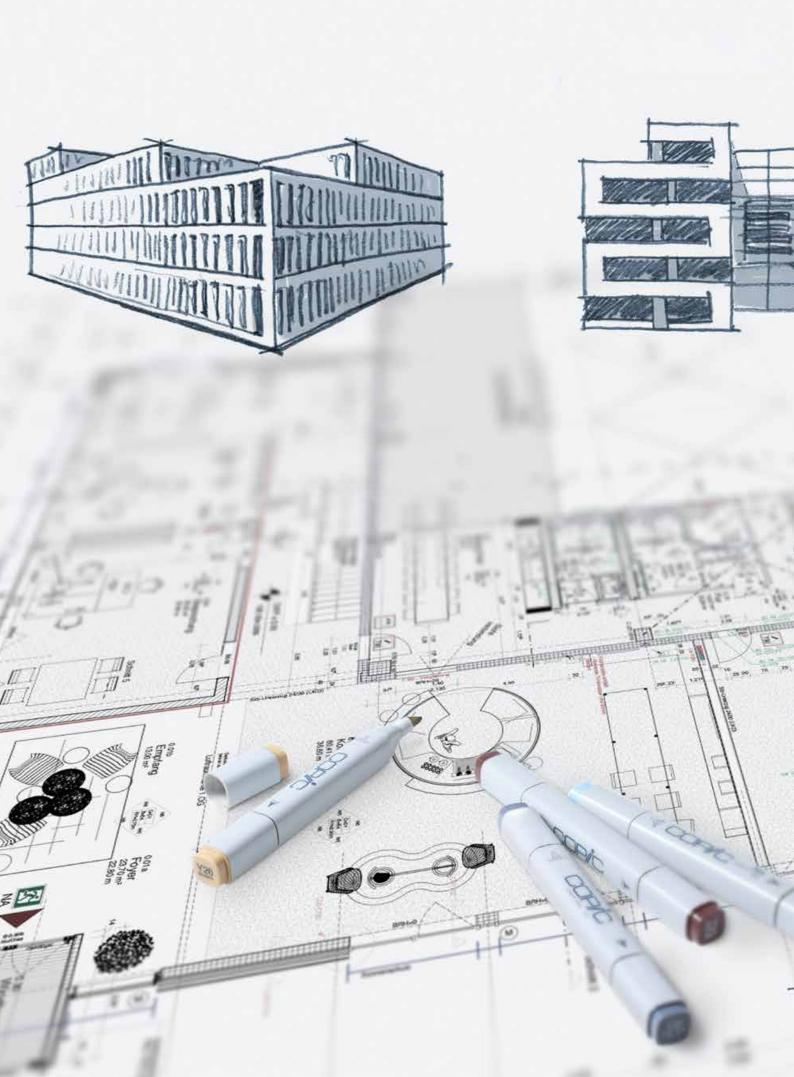
Basic grid: 1.25m or 1.35m

Building length and building width: a multiple of 1.25m or 1.35m

Supporting intervals from the external wall to the central girder, as well as spacing of the interior columns in longitudinal direction: flexible in the basic grid, maximum 8.10 m

Distance between the supporting pillars in the external wall: 2.50 m or 2.70 m (depending on basic grid)

Depth of the supporting pillars in the external wall: approx. $13\,\mathrm{cm}$



Storey and room heights

The storey height that provides maximum comfort with the best possible economic efficiency is 3.675 metres. This dimension allows a comfortable clear room height of 3.00 metres, while at the same time conveniently accommodating building system installations in the suspended ceiling. For a particularly economical construction method, or accommodation of extensive technology, we recommend storey heights of 3.50 or 3.85 metres. We will gladly develop an individual plan for you.







Parapets and windows

Glazing is an attractive design element. Be it floor-to-ceiling windows, window ribbon strips, punched casement windows in various sizes or transparent façade areas: you decide — we implement. We have taken all common formats into consideration in our system, and individual window solutions are always possible. The window system with high-quality aluminium windows developed exclusively for GOLDBECK meets the highest demands for thermal insulation, noise protection and burglary protection.







Room acoustics and noise protection

Noise is one of the biggest disturbance factors in the workplace. This includes both noise from the street and noise from inside the building. In order to minimise disturances and enhance desired sounds, GOLDBECK, together with the "ita" sound insulation testing office, has developed numerous noise protection solutions, such as wall and ceiling construction types.

To make sure disturbing noises from the outside are actually kept outside, our experts have developed a noise protection prognosis tool together with the Technical University of Braunschweig. With this tool, the optimum sound insulation properties can be determined for each individual window in the building. A mechanical ventilation system also helps to prevent noise pollution from open windows.



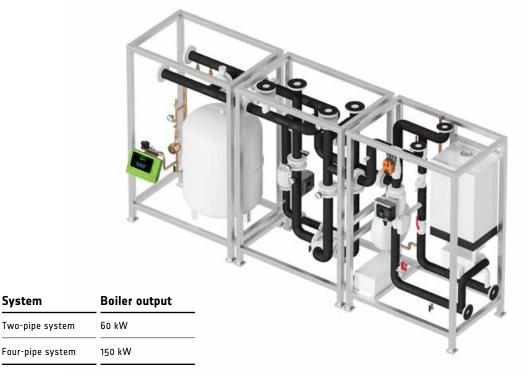






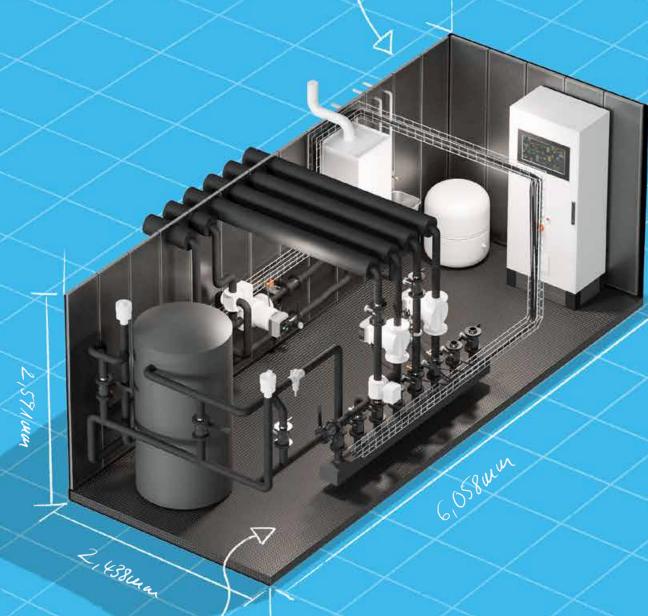
GOLDBECK energy centre

We also rely on economical system solutions for technical building services [M&E]. One example: heat generation. A combination of an air source heat pump and gas condensing boiler is used in 80 percent of our office buildings. We can prefabricate this energy centre, including the central control system, buffer storage and distribution headers, as modular segments or even install it as a complete module — not only indoors, but also on the roof or free-standing outdoors. This creates more usable space in the building. The high degree of prefabrication and the precisely defined interfaces enable easy installation on the construction site and ensure that deadlines are reliably met.



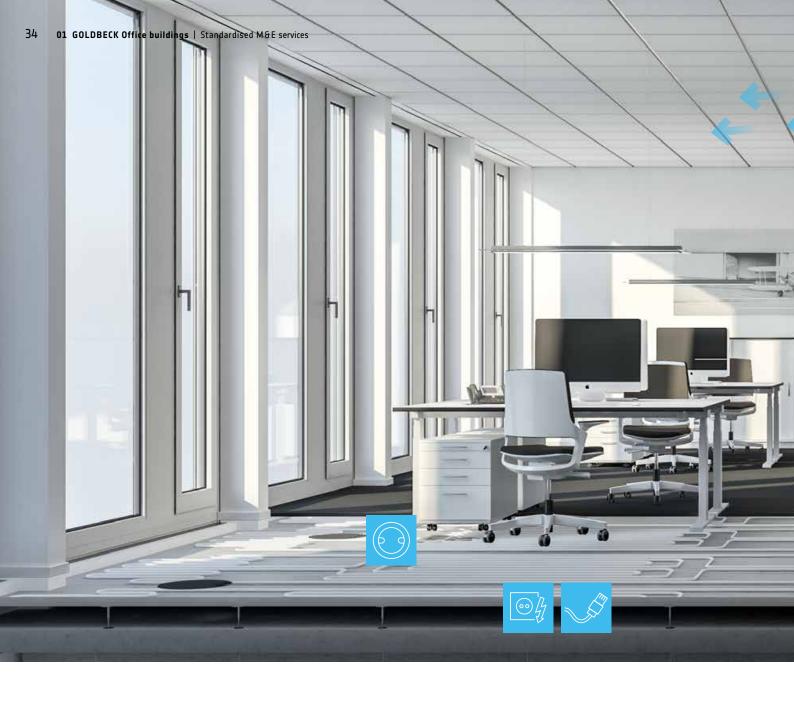
Combine the system and boiler output according to your needs.





FLOOR SPACE INSIDE 13.88 W

The GOLDBECK energy centre as a completely prefabricated module in a 20-foot sea container – set up, connect, commission – done!



GOLDBECK energy floor

What looks like a normal floor at first glance is more complex than it seems: the GOLDBECK energy floor is a highly efficient, low-temperature heating and cooling system that ensures pleasant, temperature-controlled rooms all year round. It is extremely energy-efficient and offers plenty of space for electrical wiring and IT cabling. Of course, the GOLDBECK energy floor, too, is based on our system concept: It is delivered to the construction site as a prefabricated mat that corresponds to the defined grid dimension of the building. This ensures an accurate fit and fast and smooth installation, which has a positive effect on construction times and costs, guarantees consistently high quality and ensures maximum flexibility — in planning, control and subsequent installation.





Fresh air (supply air)
Vitiated air (return air)



Heating and cooling

Heating and cooling take place via the surface – through heating and cooling loops laid in the floor.



Electrical distribution and IT supply

Short line to the workplace: the 10-cm-high double floor conducts the cables to where they are needed.



Floor tanks

Floor tanks with two computer sockets and two normal sockets as standard — directly in the workplace and easy to retrofit.

Ventilation concept

In addition to temperature, correct ventilation is critical for a pleasant room climate. A mechanical ventilation system maintains the ideal conditions. In the GOLDBECK "Premium" ventilation concept, we have standardised this aspect in a particularly economical form. The central airflow is provided by a ceiling box in the corridor. Combined wall slot diffusers that ventilate the areas of utilisation and the offices are installed in this box. The central ventilation ducting in the corridor plenum box not only provides a greater clear height in the common areas, but also higher flexibility. Concepts for a spatial redesign and tenant change are no problem with this ventilation concept.

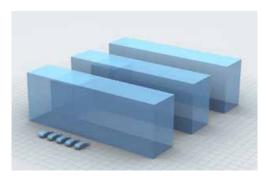


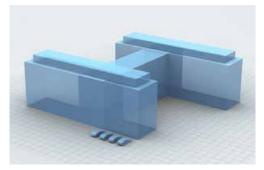


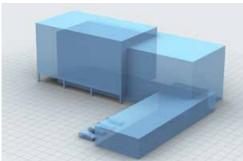
Cubatures made to measure

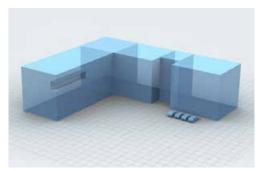
The urban planning situation, applicable building laws, the layout of the site and subsequent use – these factors are among the many that influence the design of a building. We make the best of it: for building structures that set accents, make efficient use of plot sizes, fill even small gaps between buildings and, above all, are extremely attractive.

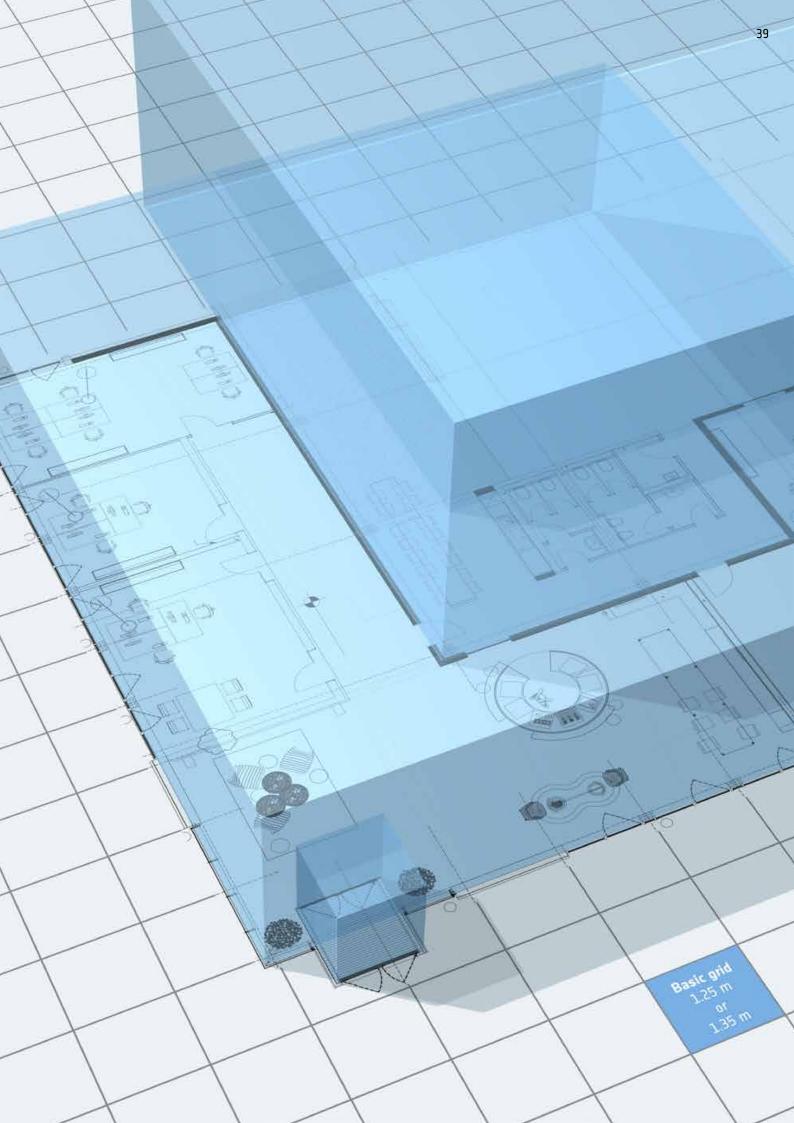
In the GOLDBECK system, we implement your aesthetic ideas. Projections, recesses and cantilevers create a dynamic design. Staggered storeys and balconies bring a breath of fresh air to everyday office life. Design measures that have a positive effect on employee satisfaction.











Variety of façades

The façade gives your office building a unique face and makes the architecture shine. Show your personality! From simple and elegant to architecturally striking: colours, shapes and materials offer plenty of scope for individual design options. But hard facts, such as maintenance costs or sustainability aspects, must also be taken into account when choosing a façade. We would be pleased to work out a solution with you that is both attractive and economical.









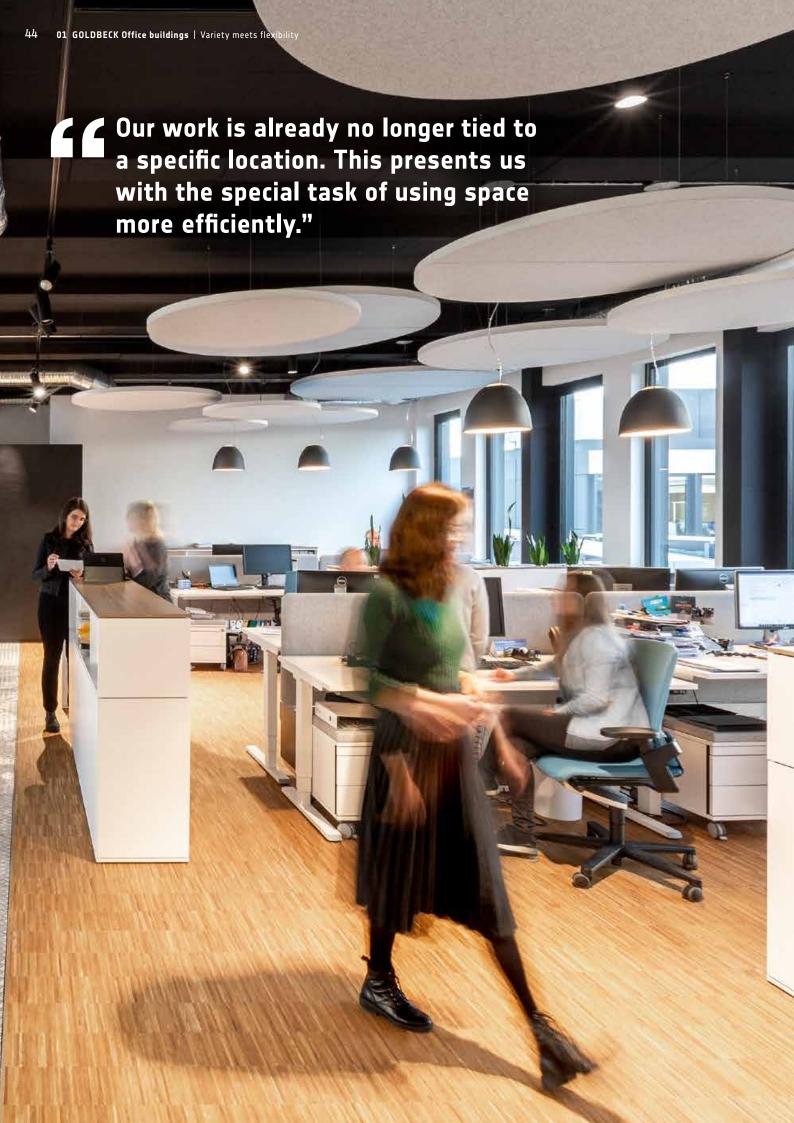


Foyers, atriums and stairways

First impressions count! Public building areas are the business card of every company. Customers and employees use them every day. It is here that people meet, guests are received and business partners are welcomed. The demands on design are accordingly high. We create spaces that welcome people, encourage communication and make paths as pleasant as possible with foyers, atriums and staircases that reflect your brand personality in every detail.



Intelligent solar protection glass optimally combines function and design — for innovative architecture with a clear view.



Ready for new work

Co-working, working from home and desk sharing have changed the world of work. Much office work can already be done on the move today. The traditional office workplace with compulsory presence is becoming less important. Offices are developing into temporary anchor points where communication — personal interaction between employees — becomes the focus of attention. Together with the customer, we develop a spatial concept that suits the users and is fit for the requirements of the future. This means that the preferences of changing tenants can also be easily implemented with the GOLDBECK office system.



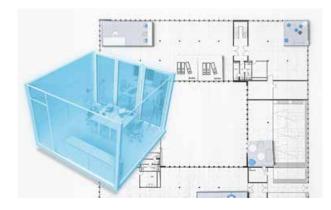




Office concepts and room modules

Short distances, meaningful structures, positive atmosphere. Well-thought-out spatial planning is the prerequisite for a positive working climate and therefore the basis for productivity. That's because employees perform best where they feel most comfortable, in a working environment that best supports their needs.

But what does that mean to you? Flexible or fixed working areas, open or closed structures, a lot or little room for networking — together we will find out and develop a spatial concept that fits your working culture like a well-tailored suit. Possible changes included! With the GOLDBECK office system, you can react to new requirements at any time. Today individual offices, tomorrow open space — we offer you flexibility.



Interactive determination of requirements with the GOLDBECK "room modules" planning set.





Discover the possibilities of GOLDBECK room modules. goldbeck.de/vr

Productive and relaxed work requires more than a cool head, warm feet and fresh air."

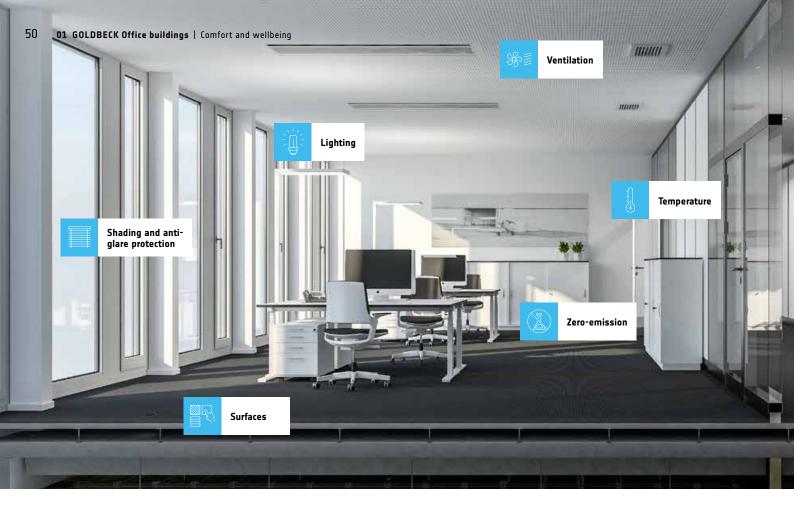
Comfort and wellbeing

Feeling good brings added value

Professional and private life are converging more and more. The office is becoming an integral part of life. People spend an average of 1,718 hours per year* at work. The more comfortable they feel, the better they perform. Studies show that productivity can increase by up to 36% with a suitable working environment**.

At the same time, the number of sick days and fluctuation decrease. With the GOLDBECK system, we support companies on the way to a healthy, performance-enhancing office environment.



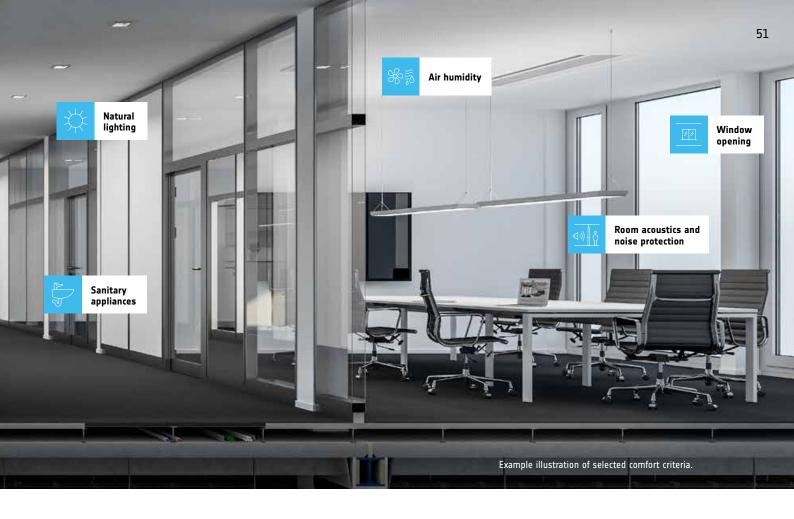


The comfort concept

Thanks to our many years of project experience and the interdisciplinary networking of our specialists, we are experts in the construction and management of office buildings. On this basis, we have developed a system solution for the comfort office of the future: the GOLDBECK Comfort Levels. With this concept, which focuses on the health and well-being of employees, we give building owners the opportunity to configure their individual level of comfort quickly and easily.

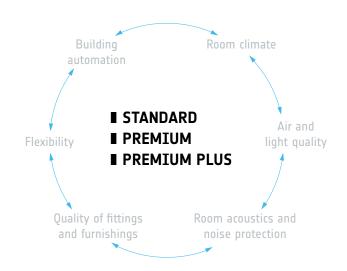


Further information on the GOLDBECK Comfort concept can be found in the included brochure or under goldbeck.de/downloads

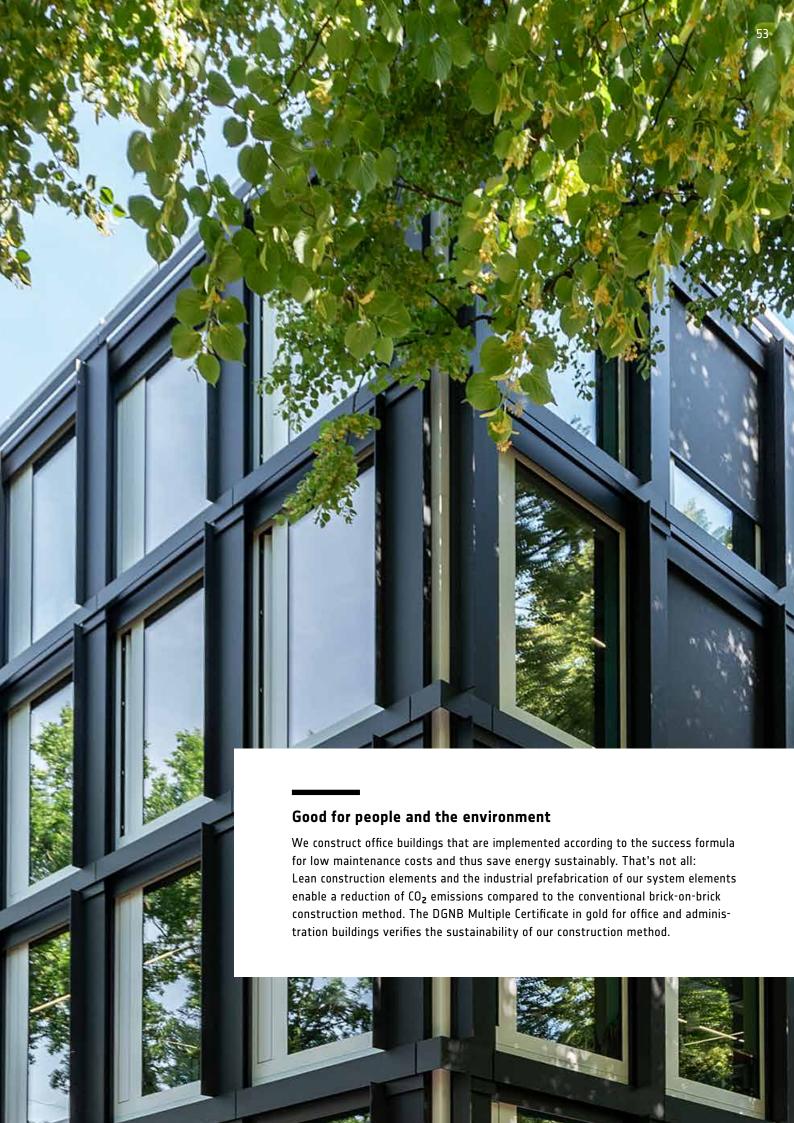


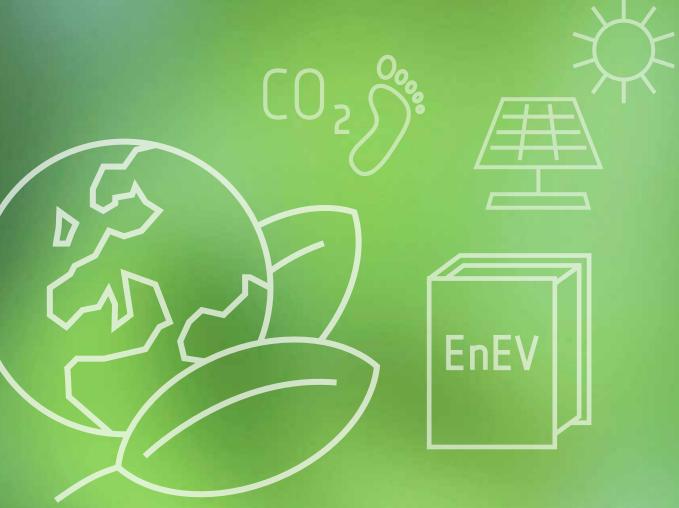
6 comfort criteria, 3 comfort levels, 1 bespoke solution

We analyse your comfort requirements in detail and let the result flow directly into the building planning. We put together the ideal solution for you in six comfort criteria, each with three possible comfort levels. In this way, we give every activity an appropriate and, at the same time, productive framework for wellbeing. This creates inspiring office areas next to retreats for recreation and spaces for communication.









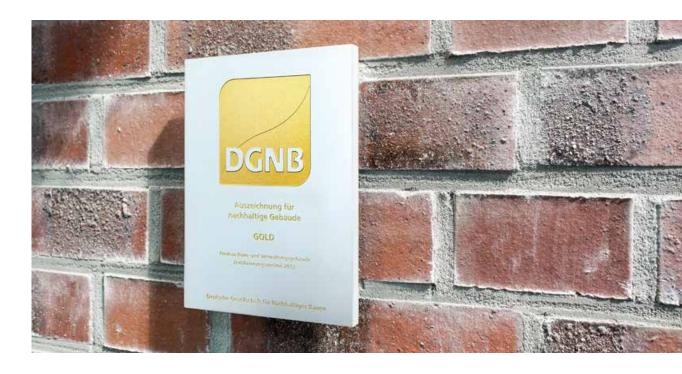
Building in the green zone

Low maintenance costs are guaranteed for GOLDBECK

buildings. To this end, we combine an energy-optimised building envelope with efficient building services (i.e. mechanical and electrical equipment) and, if desired, with renewable energies. You decide how far we go towards a "green office." Be it energy conservation regulations (EnEV) or KfW Efficiency House: you can obtain an office -25%* building constructed to any desired energy standard. Important: we always consider the energy efficiency of office buildings throughout their entire life cycle.

Furthermore, a "green building" begins with the construction method: the GOLDBECK construction system conserves resources and ensures a lower CO2 footprint. Compared to conventional construction, we save up to 25 percent of CO2 emissions*.

^{*} According to the DGNB Multiple Certificate for GOLDBECK Office buildings.



DGNB certification

All office buildings implemented in the GOLDBECK system fulfil the guidelines of the German Sustainable Building Council (DGNB) and are precertified for the DGNB Multiple Certificate in gold. Building owners can easily apply for the DGNB certificate for their office building and benefit in several ways: the building is sustainable, ecological methods are documented and the market value of the property increases.

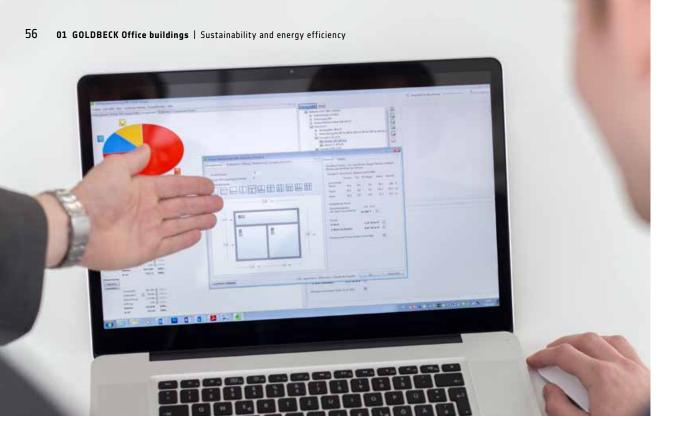






BREEAM®

On request and depending on the location, we also support you with international certifications.



Energy-oriented planning

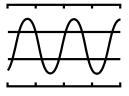
Gas heating or geothermal energy, ventilated façade or thermal insulation composite system: two decisions of many that have an impact on subsequent energy consumption. We take the operating costs into consideration as early as the planning phase and put all planned components on the energy test bench. Among other things, simulations, profitability calculations and usage cost forecasts help us perform this task. The GOLDBECK energy optimisation system GEOS, developed in cooperation with Fraunhofer ITWM, also provides a comprehensive comparison of the energy and supply concepts in question. Our building configurator determines the energetic properties of different window types within seconds, helping to make your decision easy.





Energy monitoring

With the GOLDBECK EnergyMonitor, you can keep track of the daily consumption of your property online at all times and optimise it during operation. This provides the perfect basis for energetically efficient operation. The counter ranges can be set individually according to your requirements.







Standardised building

automation



System automation

Today, technical systems for heat and cold generation, as well as ventilation systems, are equipped with communication technology throughout. However, networked communication and interlinked control of the systems is only possible if a neutral connecting link mediates between the individual components, records and processes all data of the systems, and derives functions and control mechanisms from it, thereby creating an intelligent, integrated overall system. Central system automation is a standardised basic service at GOLDBECK and enables smooth interaction of all components.

The advantages of system automation

Basic functionality included in the GOLDBECK service package

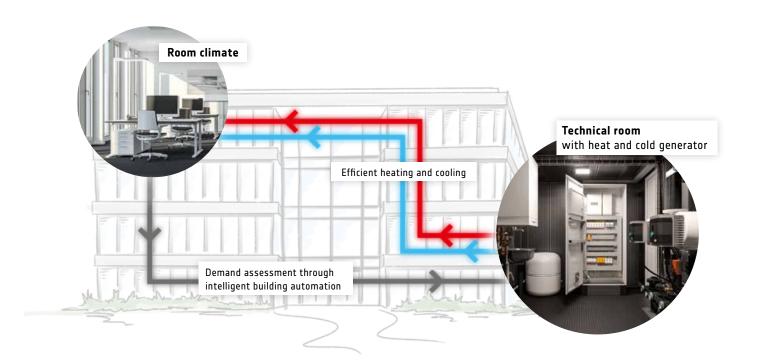
Operational safety

Reduction of operating costs

Sustainable operation of your building

Future viability

Remote access possible and recommended





Room automation

A well-thought-out room control system enables not only a high level of user comfort, but also flexible room design — today and in the future. With optimum room automation, the lighting is daylight-controlled and the sun protection system continuously adapts to the incidence of light. The room temperature is also regulated and monitored according to demand, while the air exchange rate is dynamically adapted to the indoor air quality. Room automation permits a continuous exchange between the individual systems, records and evaluates their data, and regulates and controls the components. Individual components matched to GOLDBECK buildings therefore offer an integrated overall solution for room automation.

The advantages of room automation

User comfort through demand-based regulation of technical room equipment

Consistent user interface for all system elements

Flexibility in the use of space throughout the entire life cycle

Freely definable room units

Sustainably optimised operation of your real

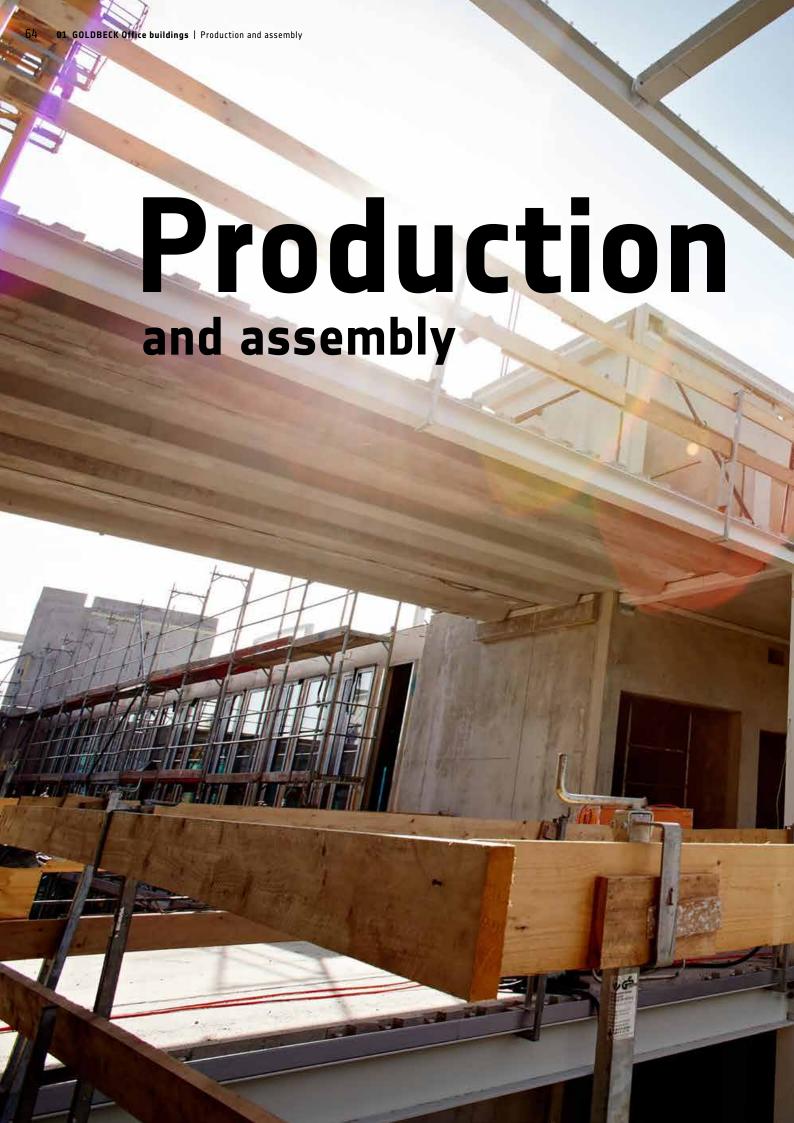




Smart Building by GOLDBECK

Well-placed system and room automation is the entry point to a smart building — but we go one step further with Smart Building. It thinks ahead, is self-learning and optimises buildings in terms of user comfort and energy efficiency. Smart Building by GOLDBECK describes a building that is systematically equipped with analogue and digital actuator and sensor systems that react automatically to changing situations and users. For example, rooms are heated at the right time and according to user needs. This self-learning system will automatically provide you with your favourite settings in the future.

Another challenge of the future will be to use offices as efficiently as possible and to adapt flexibly. With Smart Building components, you can identify and respond to user behaviour using curves, diagrams, heat maps and artificial intelligence. Highly frequented areas can be developed, while hardly used areas can be put to another use. We will gladly show you the possibilities.





Sophisticated system elements

Our system elements make the difference. Every single one of them is technically perfectly adapted to its intended use. Prefabrication in particular makes it possible to implement integrated design solutions. The use of such hybrid components creates secure processes and costing frameworks. Together they form an optimally coordinated modular system, which also allows free play with form and function and lets us build individual office buildings faster and more economically than other providers. About 1,200 sophisticated system details define the GOLDBECK construction system.



Hybrid constructions, such as our external wall elements, enable fast construction times and high quality.







Volume production

We manufacture our system elements in our own factories, always under the same conditions. Unlike in conventional construction, we work independently of wind and weather in precisely defined processes with state-of-the-art technology. This is what we call volume production to perfection. This way, we ensure consistently high quality at the best price and on-time delivery to construction sites.





Assembly

Materials are supplied to the construction site with just-in-time delivery. Thanks to optimum logistics planning, temporary storage of components at the construction site is not necessary. All construction elements are precisely matched and can be assembled by our own teams in almost any weather. 1,000 square metres of carcass construction in just one week, weatherproof and refined, are therefore standard for us.













Interior design

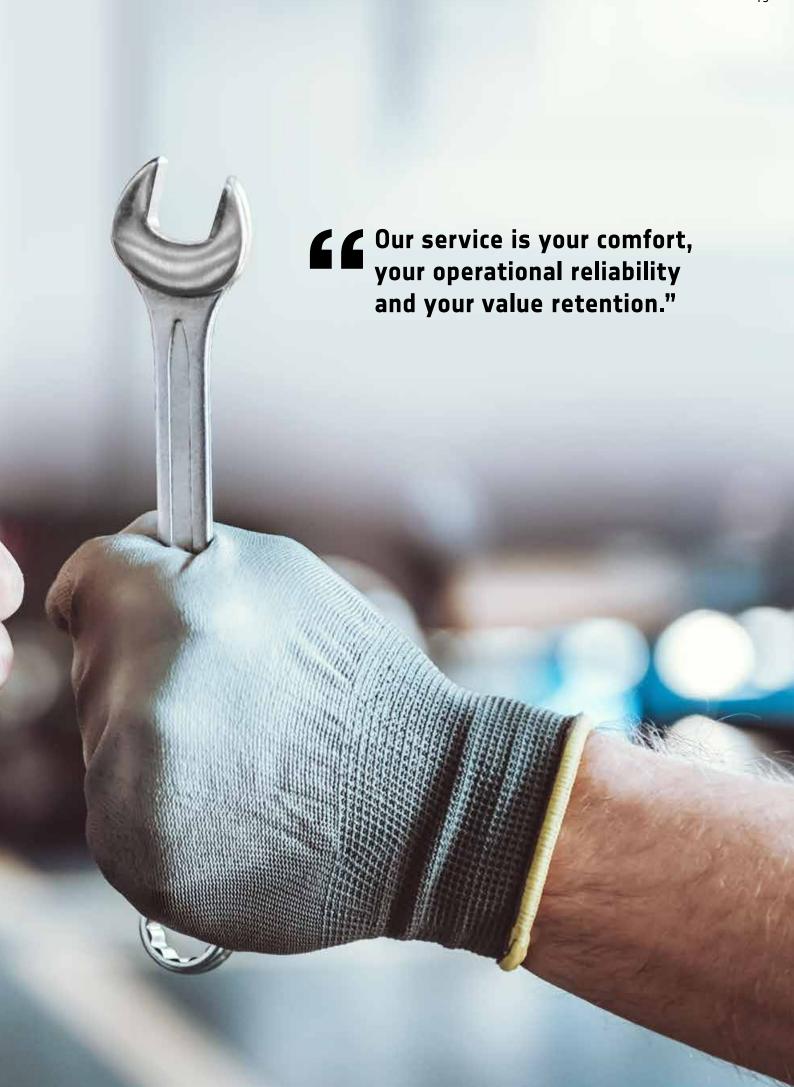
The building's up, and now we will take a look inside. The energy floor is laid quickly, including pipe distribution, energy mats and floor boxes. Followed by the system walls, which can be formed and reshaped into all conceivable room layouts. This guarantees flexibility for the future, because changing spatial requirements — e.g. due to changing tenants — can be implemented with ease. With the design of floors, walls and ceilings, the rooms finally get their "look and feel."

Step-by-step interior design with a contractually defined separation into basic construction and later tenant finishing is a particularly attractive option for investors, resulting in planning and cost security for all parties involved.

Service and operation

Successful in the long run

Your office building is ready for occupancy and the utilisation phase begins. We accompany you and continue to offer everything from a single source: start of operation, management and consulting.









Less stress, time and costs

The operation of your office building is already included in the conception. The mechanical and electrical equipment and building automation was designed for the individual use of your space. We offer even more: our Facility Services handle the commissioning of your property and optimise building processes during operation. From the photovoltaic system to single blades of grass, we have everything in view. With comprehensive expertise, as well as the right technicians and service providers at the right time, we keep properties and outdoor facilities up to date.

You have a fixed contact person who manages every aspect for you. In addition, concerns can be reported at any time on our customer portal and we offer 24/7 customer service.

Want more? We also offer services for the conversion of rooms or structural revitalisation, from planning to construction and operation. If required, our Property Services unit is your partner for leasing and marketing issues.

Our strengths



Comprehensive technical expertise



High in-house contribution



Smart services



Fast response times

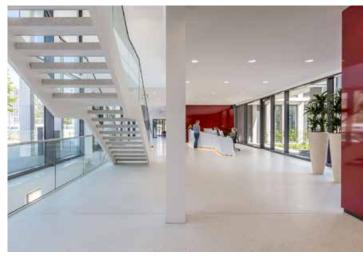


The future at a glance

Every year, GOLDBECK builds more than 90 office buildings in Europe. Each is as unique as the company and the people who work there. We build comfort offices with a feel-good guarantee, which provide the productive framework for successful business. Convenient and functional for users, yet profitable for you as the owner or investor. On the following pages, you will discover how outstandingly creative freedom and our intelligent system go together.









dhpg | Bonn

dhpg Dr. Harzem & Partner mbB 53113 Bonn, Germany 11,200 m²/GFA (gross floor area) 5 storeys





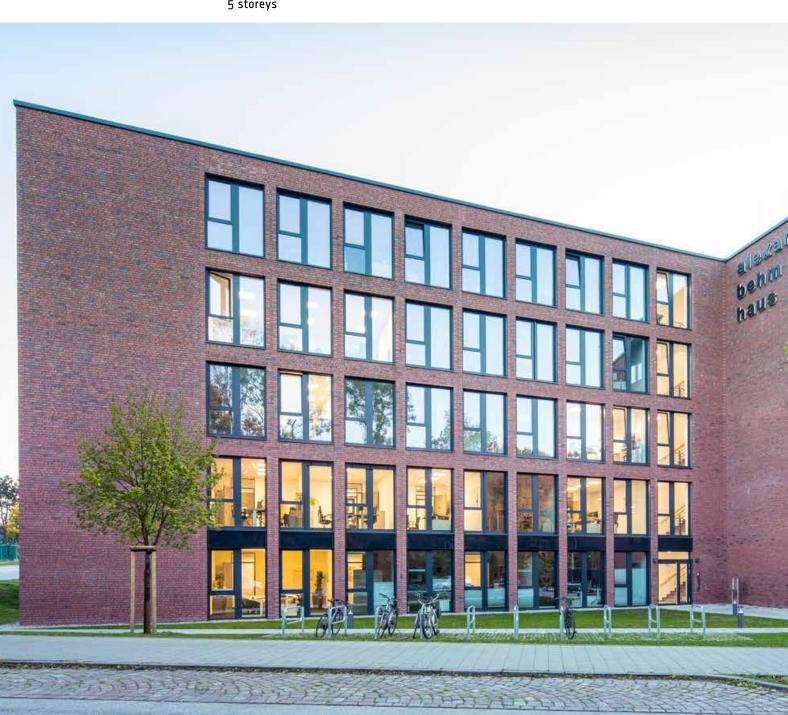
Deutsche Reihenhaus AG | Kaiserslautern

TURI Büro DRH GmbH 67657 Kaiserslautern, Germany 1,600 m²/GFA (gross floor area) 4 storeys



Alexander Behm Haus | Kiel

Dirk Cordes Vermögensverwaltung GmbH & Co. KG 24118 Kiel, Germany 3,607 m²/GFA (gross floor area) 5 storeys











Alemannenhof | Langenhagen

Caspar Vermögensverwaltungs GmbH 30855 Langenhagen, Germany 4,700 m²/GFA (gross floor area) 5 storeys







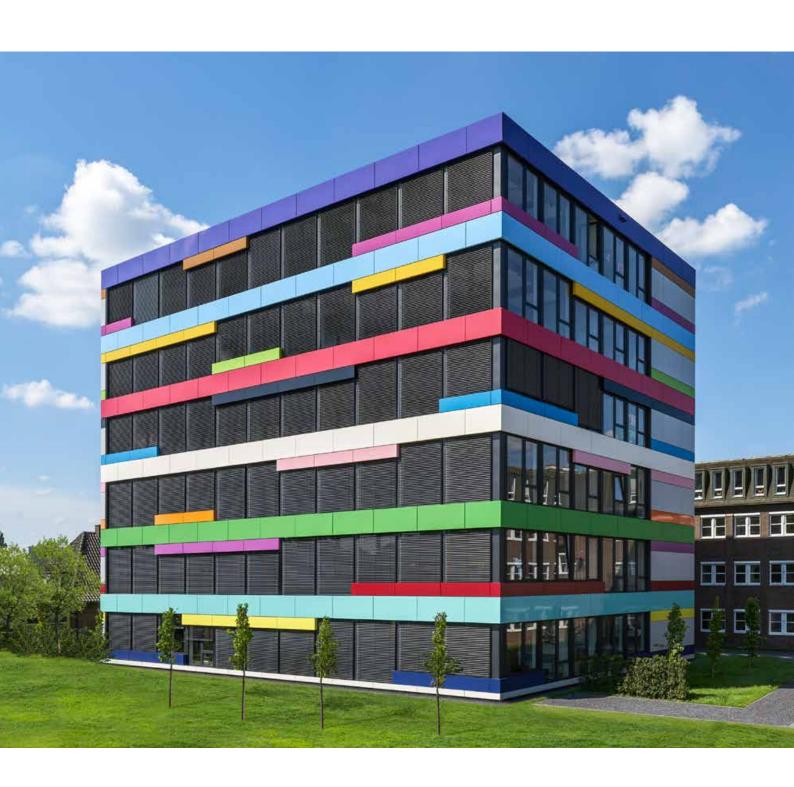




PRE | Kaiserslautern

PRE GmbH 67657 Kaiserslautern, Germany 4,080 m²/GFA (gross floor area) 6 storeys











Whyit | Münster

Whyit GmbH 48159 Münster, Germany 3,000 m²/GFA (gross floor area) 6 storeys

Together in pursuit of success

Creative ideas in our heads, proven solutions in our hands and a strong partner by your side — start your office project with us. We look forward to exchanging ideas with you.







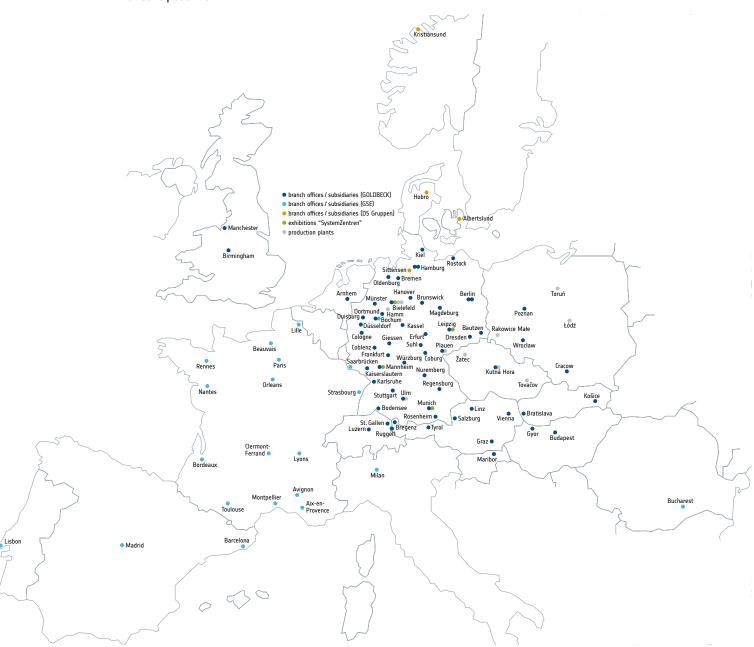
Design, build, service – with system! That's GOLDBECK.

We realise top-quality commercial buildings economically and quickly on a turnkey basis, with a focus on industrial and logistics halls, office buildings and multi-storey car parks. What's more, GOLDBECK also builds schools, sports halls, residential buildings and nurseries — always designed and individually constructed with the user in mind. Our range of services also includes building management, as well as renovations. GOLDBECK is a partner for both small and medium-sized businesses and for large companies, investors, project developers and public sector customers. As a family company, we foster a culture of values: our relationships are defined by commitment, humanity and a sense of responsibility.



Expertise on site - always nearby

It's good if there is always a contact person nearby. It's even better if they know the region. Best of all, is when they can coordinate everything, answer all of your questions competently and remain a reliable partner by your side. Our branch network makes it possible.



More information about GOLDBECK Office buildings

In the "Office building Architecture" brochure, you can be inspired by further project examples.





You can find all brochures online at goldbeck.de/downloads



There you will find the brochure "Comfort in the office". If it is missing, we will gladly send it to you.

GOLDBECK GmbH Ummelner Straße 4–6 33649 Bielefeld, Germany Tel. +49 521 9488-0 GOLDBECK International GmbH Ummelner Straße 4–6 33649 Bielefeld, Germany Tel. +49 521 9488-1061

goldbeck.de

