

Sports halls

individual economical functional





“ At GOLDBECK, we realise sports halls in which exercise is a pleasure. Our customers receive all services from a single source – and in the best possible time!”

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GOLDBECK sports halls

01

Introducing your all-round partner for sports halls

Whether at school or in a club, playing volleyball, football or badminton – movement requires both space and a safe environment. GOLDBECK has been a reliable partner to both public sector clients and private investors for over 50 years. We plan, build and operate future-oriented sports halls suitable for school and club sports. Our expertise is seamlessly integrated into the ongoing development of our building details, concepts and system components. Everything comes from a single source, which means the implementation phase is both quick and economical, and cost-effective operation is factored into the plans right from the outset. This systematic approach allows us to save resources and customise each industrial building meticulously and functionally to meet our customers' unique demands.



Reliable every step of the way. Turnkey solutions from a single source.

At GOLDBECK, we are all about construction with a system. This means we use systematised elements that we produce in our own plants before assembling them on the construction site. It's an approach that allows us to combine cost-effective construction with short construction periods and certified sustainability. As a property owner, you can count on us to offer reliable planning, fixed deadlines, cost transparency, and consistently high-quality construction. What's more, the dependable GOLDBECK team is always right by your side whenever you need us – from the planning stage through to the successful operation of your building. With our clever construction system, wide variety of well thought-out services and personalised support, we bring our experience from over 10,000 completed construction projects and existing building refurbishments to efficiently plan and coordinate all trades. This approach has proven time and again to minimise errors and streamline coordination efforts.

Existing building refurbishment

We understand that the conditions or requirements for your sports hall may change over time, which is why we offer solutions for conversions and extensions, as well as partial and structural renovations, at a fixed price. We also set you up with a dedicated point of contact in your region to handle any questions and concerns. Our experts assess the potential of your existing buildings and spaces, then design your project based on your needs and expectations.

If your requirements go beyond design and construction services, GOLDBECK Public Partner GmbH (GPP) can provide project implementation throughout the entire life cycle of a property as part of a public-private partnership. You also have the opportunity to take advantage of financing models designed to meet the specific requirements of public-sector clients, if this is something of interest.



Right on time. With regional partners.

Industrial production and perfect installation have been the hallmarks of our approach to buildings for over 50 years. Our well-designed system components are industrially and serially prefabricated in our own plants, our production lines are optimised to ensure premium quality, and our processes are set up to run undisturbed by wind and weather. Deliveries are made to the construction site just in time, where all that remains is for the individual construction elements to be assembled. This approach allows us to benefit from particularly short construction periods, a cost-effective construction method and buildings of consistently high quality. GOLDBECK construction sites are therefore quieter and low in emissions, making them perfect for sports halls being built in residential areas or during school term time.

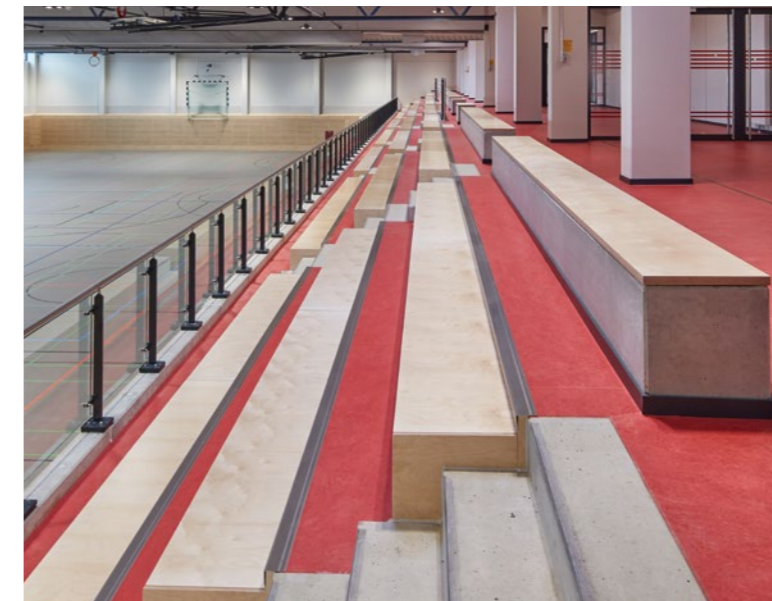
Regional subcontractors

GOLDBECK sees construction as a regional business, which is why we outsource as many services as possible to subcontractors from the local area. We rely on our entrepreneurial expertise to determine which partner should handle each order, with a strong emphasis on regionality and the ability to deliver a premium service. As a result, up to 50 % of the work on our construction projects is retained within the local area. This not only strengthens the region as whole, but also allows us to build faster and more cost-effectively, and complete your construction projects on schedule.



Individuality with a system. Fast and economical.

Sports halls from GOLDBECK are unique pieces built systematically. At the heart of these constructions are our intelligent system components, which come together seamlessly to form bespoke configurations that align perfectly with their functions. Whether it's the façade, windows, entrance area, or the layout and design of auxiliary spaces, our flexible construction system provides customers and architects alike with ample creative freedom. At the same time, sports halls also have specific requirements to adhere to in terms of standardised playing area dimensions. This sets the stage perfectly for our GOLDBECK system, which accommodates the rapid and reliable implementation of all typical sports hall construction demands. Our compact designs, coupled with the pooling of all our planning and implementation capabilities, result in not only the rapid planning and construction of your sports hall, but also cost-effective ongoing operations.



Intelligent system components are used to create entirely bespoke sports halls.

Function at its best. Proven construction system.

The GOLDBECK system construction method is based on a modular principle: individual construction elements can be combined and put together differently to create ever new buildings without compromising on premium quality. Whether a project calls for diverse supporting structures in steel and/or concrete, roof configurations, external wall elements, or interior walls, the GOLDBECK system allows us to address all requirements for modern and future-proof sports hall construction.



Reinforced concrete support with truss beams



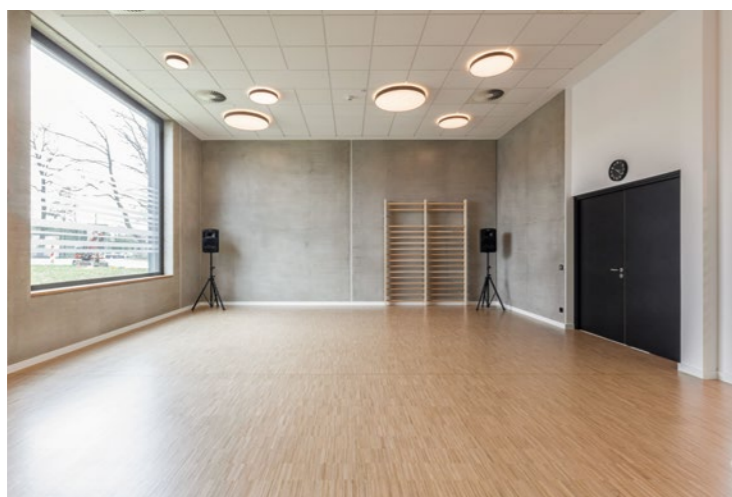
Our reinforced concrete supports with truss beams provide the necessary stability for wide, open areas.



Sports hall with glulam timber beams in Düsseldorf.

Supporting structure

The supporting structure ensures the safety and stability of your sports hall – even under high loads. For regular hall heights, we generally use perimeter columns made of reinforced concrete with steel trusses or glulam timber beams.



Flexibly customisable. For different user groups.

School classes in the morning, club sports in the evening and tournaments at the weekend – the flexible use of sports halls represents a real challenge in terms of design, construction and operation. We equip your sports hall so that it can be perfectly adapted to suit different user groups and a wide range of sports activities. With partition curtains, extendable stands and a well-designed spatial concept, we ensure your sports hall is perfectly designed for multifunctional use.

Visual variety. For a unique overall look.

The choice of façade is what gives your sports hall its unmistakable appearance – even from afar. This is why we like to offer our customers an extensive selection of designs, including clinker bricks, flat facing bricks, wood and plaster, as well as a variety of shapes, materials and colours. You can also count on a wide range of combination options. It's worth taking a closer look behind the façade, too, as each material boasts unique characteristics that go beyond mere aesthetics in terms of energy performance, sustainability, and manufacturing and maintenance costs. We would be delighted to collaborate with you on an attractive and simultaneously economical solution.





Create optimal exterior surfaces. Tick all the boxes.

Outside facilities form the functional and aesthetic framework of your sports hall. They define entrances and exits, and provide space for sporting activities that cannot be accommodated within the hall due to space constraints. The design of the outdoor areas depends on the planned usage concept, as the outdoor space is often also available to additional user groups, such as sports clubs. Depending on project requirements, we place special emphasis on sustainability when it comes to designing outdoor spaces. This involves preserving old tree stock, planning areas for leaching, and greening façades and roofs. We can also equip parking spaces with our comprehensive solution for electric vehicles on request.



Our solution for your e-mobility.
Flexible and needs-based.

- Combination of hardware, software, operation and maintenance
- Bespoke service packages
- Can be retrofitted and expanded at any time



For more on our complete solution, visit: goldbeck.de/en/goldbeck-plus/pluscharge

Supply technology with a system. Installed, connected, ready to go.

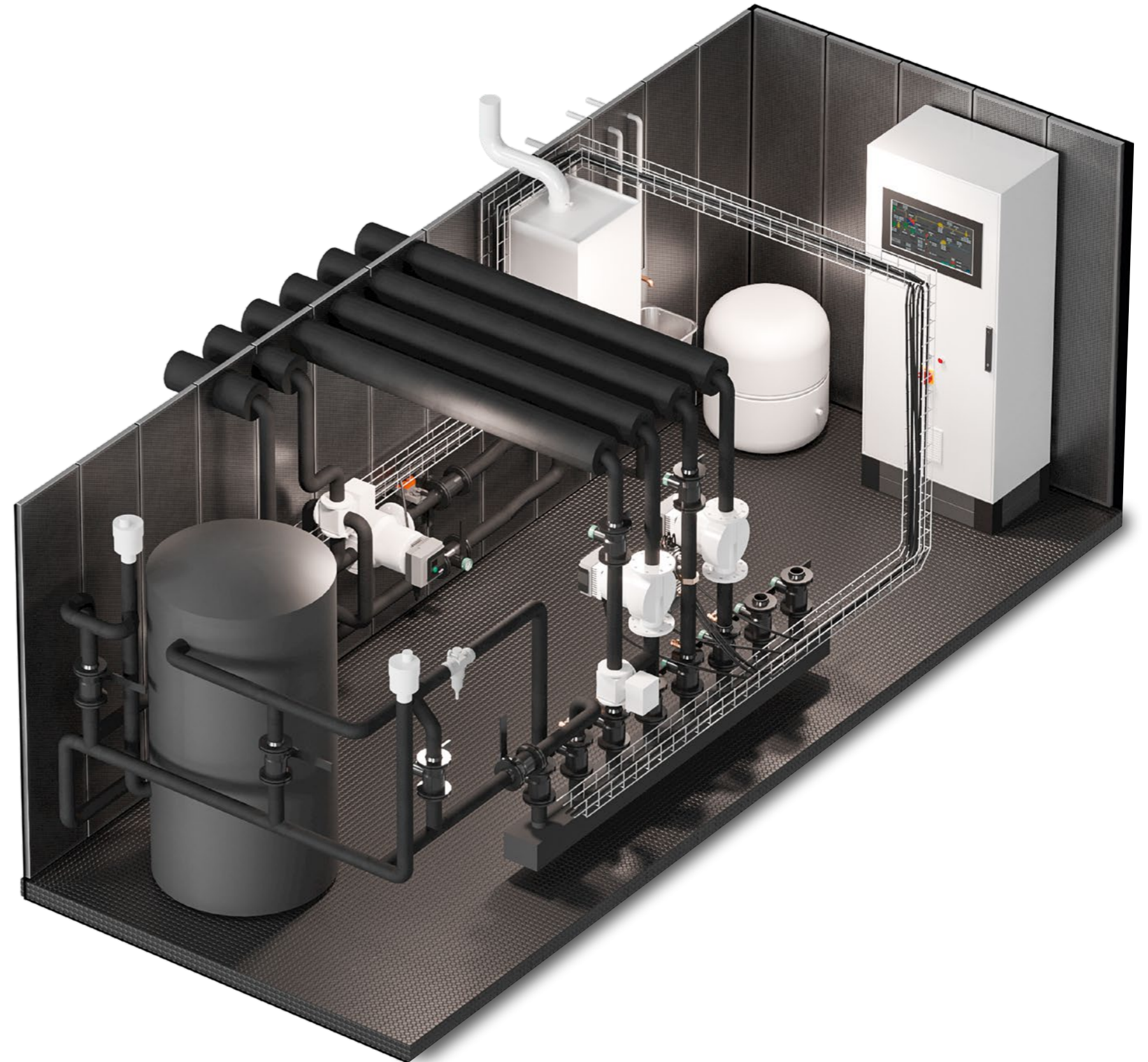
Now a standard feature in sports halls, the GOLDBECK approach includes an energy centre that combines air-to-water heat pumps with electric heating elements or a gas condensing boiler. This is delivered as a prefabricated solution complete with a central automation unit, thermal energy storage, and distributor, and can be installed as a ready-made container or in functional modules for placement in the boiler room. With rapid assembly, streamlined processes and operational reliability, we provide our customers with economical comprehensive solutions. And if you're looking for something a little different, then look no further. Our GOLDBECK expert teams offer comprehensive planning and implementation of the entire energy technology for your sports hall with unparalleled precision.

Heating, ventilation and sanitary appliances

In GOLDBECK sports halls, the heat distribution originates from the engineering room and flows either through the intermediate ceiling or beneath the floor. Sports floor heating is usually installed directly in the hall, with radiant ceiling panels offering another option as a responsive radiator solution. In ancillary rooms, heat distribution is achieved through radiators or underfloor heating.

In addition to the room air temperature, the air quality is the most important factor in ensuring a pleasant room climate. This is why both ancillary rooms and the sports hall itself can be mechanically ventilated. We also ensure optimal conditions in sanitary areas and follow our customers' individual requirements down to the last detail, whether it's drinking water hygiene or the provision and storage of hot water.

The GOLDBECK energy centre as a completely prefabricated module in a 20-foot sea container – set up, connected, put into operation, and done!



Long-term success



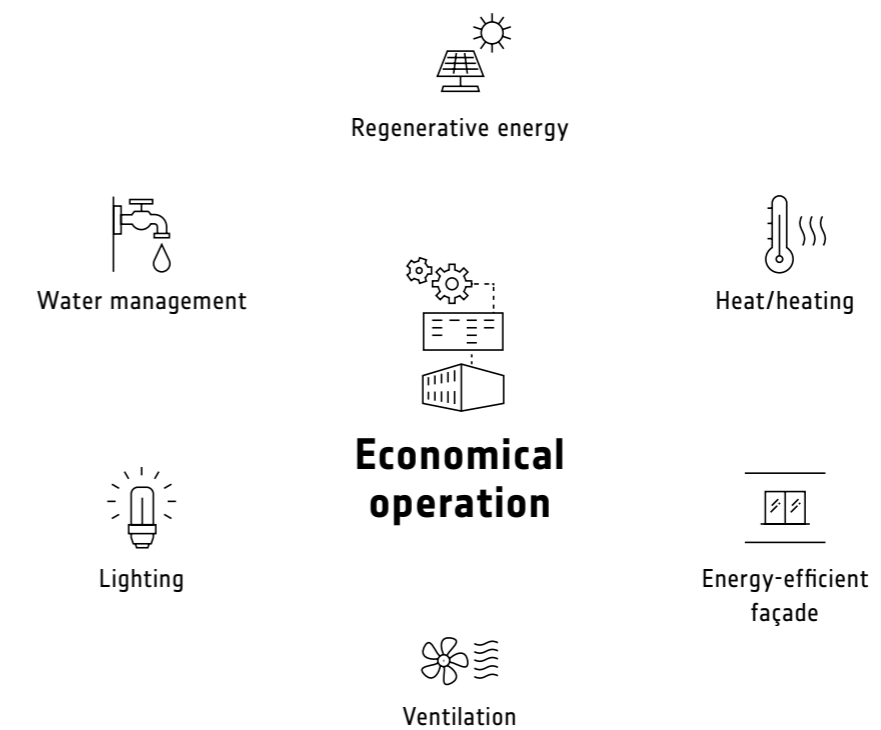
There when you need us. For everything that comes up in the future.

Your sports hall is ready for occupancy and the utilisation phase begins. When the keys are handed over, questions often arise. This is because new buildings are highly complex "organisms" whose mode of operation is not self-explanatory. We support you and offer commissioning, management and advice on ongoing operation, all from a single source.



Impetus for innovations. Let's talk energy and the environment.

Our Energy and Sustainability team develops a unique concept for each project, incorporating innovative technologies and standardised solutions. We offer a number of different solutions for reducing energy consumption and costs, including energy-efficient façades, mindful provision of drinking water, and intelligent lighting systems (including motion detectors and automatic adjustment between natural and artificial light). We also make it possible to tap into renewable energy sources. At GOLDBECK, the building and solar power system come from a single source. This allows us to achieve an operationally carbon-neutral building, capable of covering up to 90 % of its own electricity needs via solar power that can also be used by the building itself thanks to battery storage capabilities.



Holistic concepts. Energy-optimised and sustainable.

Buildings are subject to increasing demands for sustainability from the people who use them, from the public, and from public policymakers – and that includes sports halls. This is why our expert teams consistently monitor the sustainability of your sports hall throughout its entire lifecycle. We offer valuable insight into the potential of your location, guide you through the approval process, plan for the future, and are always mindful of resources. And to ensure exceptionally sustainable operations, we combine our energy-optimised shells with energy-efficient building technology. We even have everything covered for you when it comes to the outside facilities, too. Our experts are renowned for their impressive biodiversity concepts, incorporating natural outside facilities that not only protect the local flora and fauna, but also enhance the overall experience for users of the facility.



GOLDBECK – sustainable sports halls with a system



A building method that conserves resources:
Relying on construction with a system significantly reduces the consumption of resources and energy compared to conventional construction methods, not least due to the high degree of serial prefabrication of our system components.



Offsetting the carbon footprint:
Project and customer-specific concepts for carbon-neutral use and our products and services for offsetting the carbon emissions generated by construction make it possible to achieve exemplary carbon footprints.



Perfectly tailored and integrated planning:
Our own specialist design team ensures that all aspects are subjected to a review that is interdisciplinary, parallelised, and geared to the future. For a building that meets your needs perfectly.



Supporting the ecosystem:
We help flora and fauna flourish around the building itself with intelligent supporting measures. Nesting boxes, insect hotels, wildflower meadows and natural-looking ponds – limited effort has a big influence on the ecosystem and on people.



Thinking across life cycles:
By using construction elements that are especially easy to recycle, we take the sustainability and energy efficiency of a sports hall into account and optimise it from its construction and operational phases all the way to dismantling.



Easing the permit process:
Ecological aspects are incorporated into project planning proactively at an early stage in line with the requirements of municipalities and permitting authorities, which contributes to faster permitting procedures.



Would you like to know more? Take a look at our 'Sustainable Buildings' brochure.



Support and operation. Available around the clock.

We make sure to consider how your sports hall will operate – along with the many associated requirements – as early as the design phase. We also plan the building technology and automation based on how you intend to use the space. And it doesn't stop there! Our Facility Services commission your property (or properties) and improve building processes during ongoing operation. Using our comprehensive expertise and deploying the right experts at the right time, we ensure properties and outside facilities remain up to date.

We offer our customers a dedicated contact person to handle any issues, and you can also submit queries through our customer portal at any time thanks to our 24/7 support service.

Our strengths



Extensive technical expertise



Many services provided in-house



Smart services



Quick response



**Your perfect introduction
to building utilisation.
Satisfaction guaranteed.**

- Proactive support
- Commissioning Service
- Function & fault management



Discover exceptional added value at no extra cost: goldbeck.de/en/goldbeck-plus/plus5

References

02

2-court sports hall | Düsseldorf-Garath

Architect: Dohle+Lohse
Architekten GmbH, Braunschweig

GFA: 1,800 m²
Construction period: March 2019 – February 2020
Process: TC process

Reference projects we're proud of. And that push us to keep going.

GOLDBECK has been designing and constructing buildings for private investors and public-sector clients for over 50 years, successfully delivering countless sports halls for schools, clubs, and local authorities during this time. Take a look at some of the sports halls that a wide range of user groups are proud to call their home from home and that come brimming away with inspiration.



Discover a selection of our recent reference projects in our digital slideshow at:
team.goldbeck.de/sporthallen/

“ Throughout the entire construction project, our collaboration with GOLDBECK and the GOLDBECK Nord local construction branch was consistently **collaborative and highly constructive**. All services provided by GOLDBECK were carried out **reliably and, most notably, on time**. The success of the project was notably ensured by the outstanding professionalism of the project and site management teams. The municipality of Winsen an der Aller would be delighted to recommend GOLDBECK without reservation for the implementation of PPP and similar projects.”

Dirk Oelmann, Town Mayor, Winsen (Aller)

3-court sports hall with youth club | Winsen (Aller)



4-court sports hall and 2-court sports hall | Sehnde



“ Every last member of the GOLDBECK team was **extremely dedicated and showed an exceptional work ethic** throughout the entire project. The guidance we received was always second to none, and our individual preferences were consistently respected and taken into account. The entire project ran seamlessly from start to finish, with GOLDBECK completing **four months before the contract deadline** – I've never known anything like it in all my professional career!”

Sabine Westhelle, Building Management Office, City of Bornheim

3-court sports hall Europaschule | Bornheim



In 2021, GOLDBECK constructed a new triple sports hall for the city of Bornheim, spanning approximately 2,500 square metres. The hall serves both the Europaschule Bornheim and local clubs, and offers ample storage space for sports and outdoor equipment. But the real highlight of the new sports hall has to be the fixed stand, which offers space for up to 500 spectators along with accessible seats for wheelchair users. Both the changing rooms and sanitation rooms – as well as the upper floor – offer accessible solutions, with the upper floor also including a catering area suitable for larger events and tournaments.

Working together for success

Creative ideas in your head, proven solutions at your fingertips and a strong partner by your side – start your construction project together with us. We look forward to working with you.

GOLDBECK – das Unternehmen

03



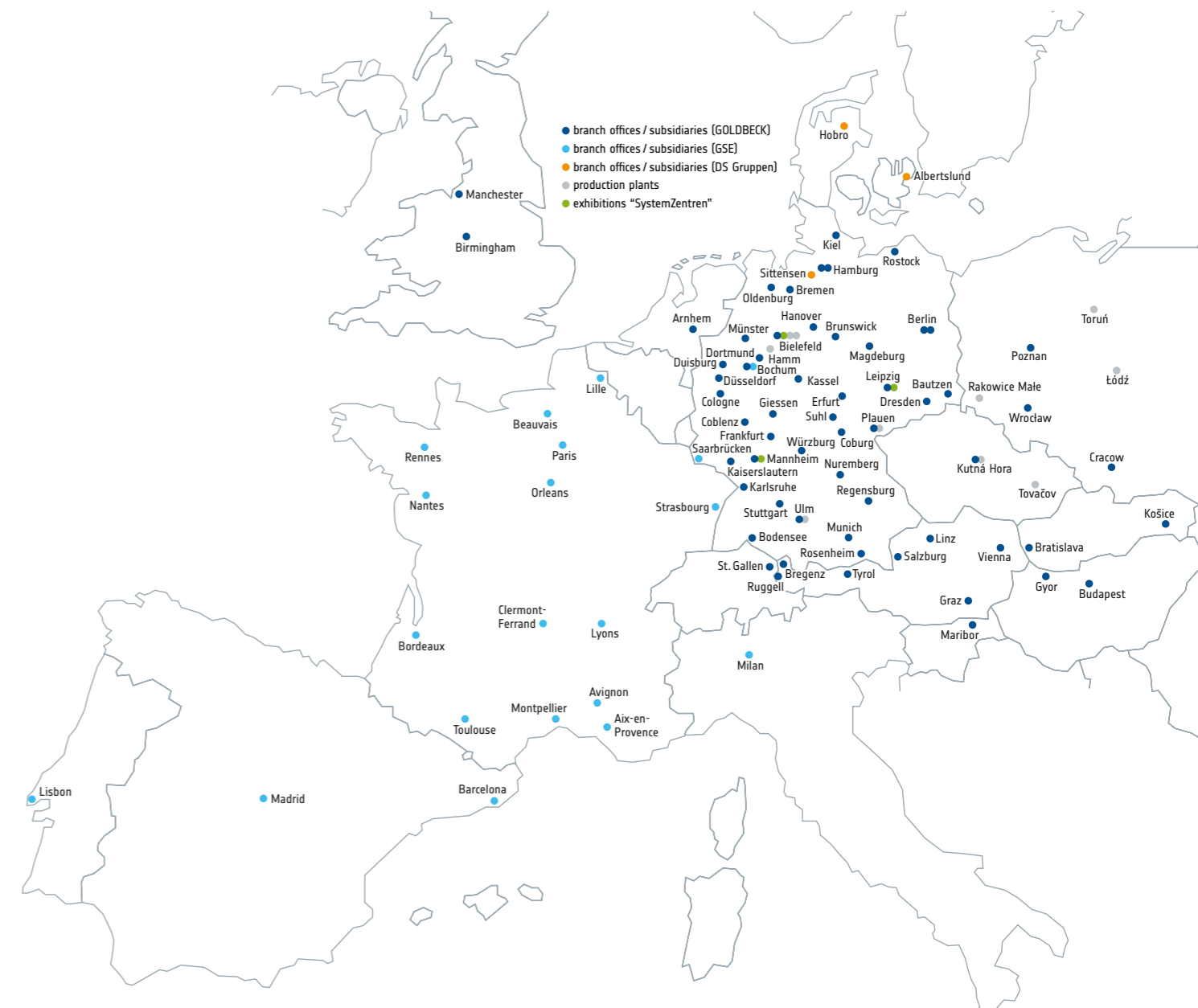
GOLDBECK – building excellence

GOLDBECK builds future-oriented commercial properties throughout Europe. We view buildings as products that we bring to life for our customers as a one-stop provider – from the design and construction phase to services during operation. GOLDBECK is a partner to medium-sized businesses and large companies, investors, developers and public customers alike. Our range of services includes warehouses and industrial buildings, office and school buildings, multi-storey car parks and residential buildings, with existing building refurbishment and building-related services completing the spectrum. The company completed roughly 500 projects in the 2021/2022 financial year, with a total turnover of more than five billion euros. GOLDBECK currently employs more than 10,000 people at over 100 locations across Europe.



A competent local partner – always by your side.

Our extensive branch network means you can always count on a dedicated point of contact in your area. These highly experienced advisors are familiar with all local requirements and are equipped to handle any of your queries with confidence.



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