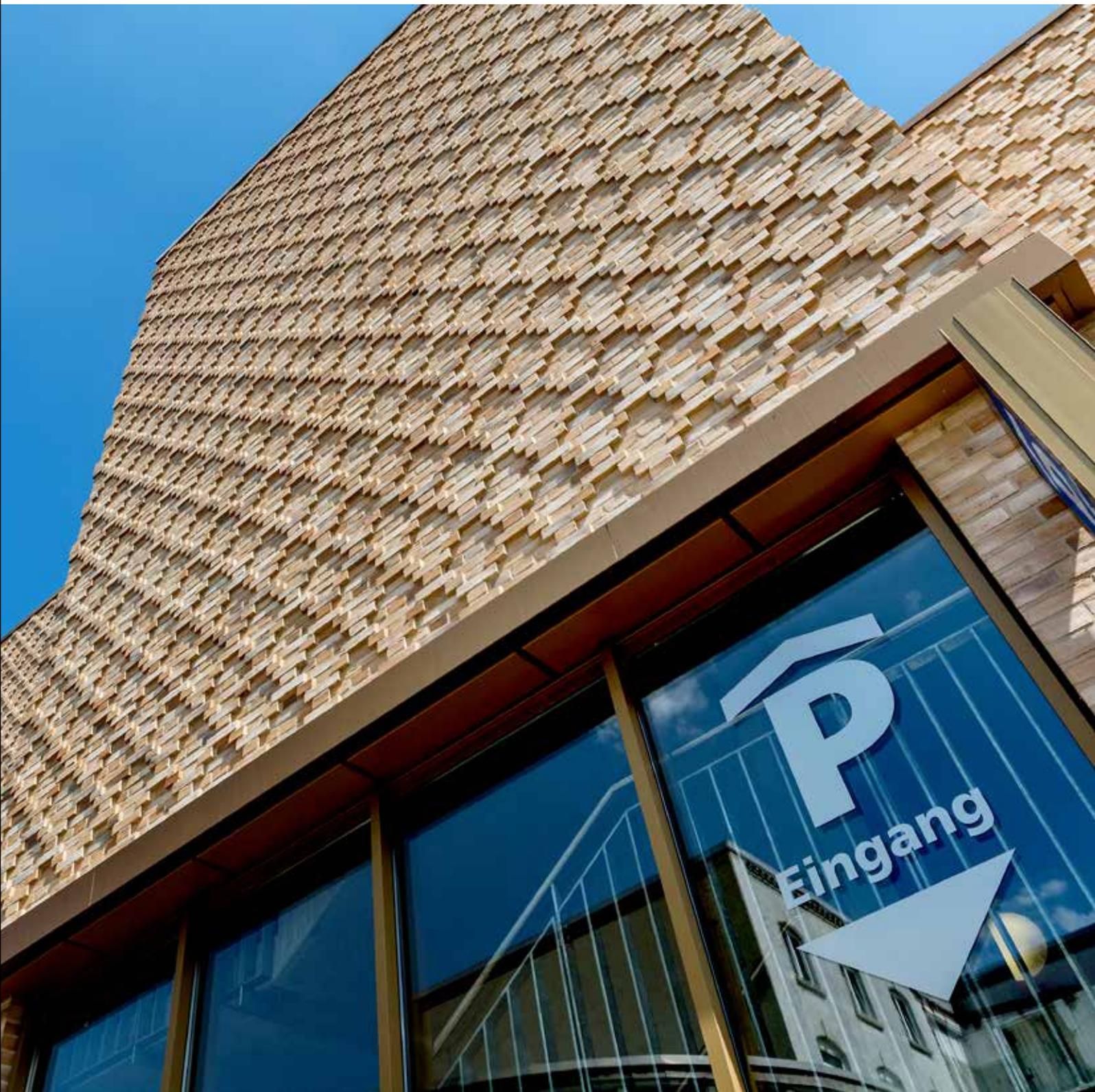


Multi-Storey Car Parks

user-friendly intelligent durable

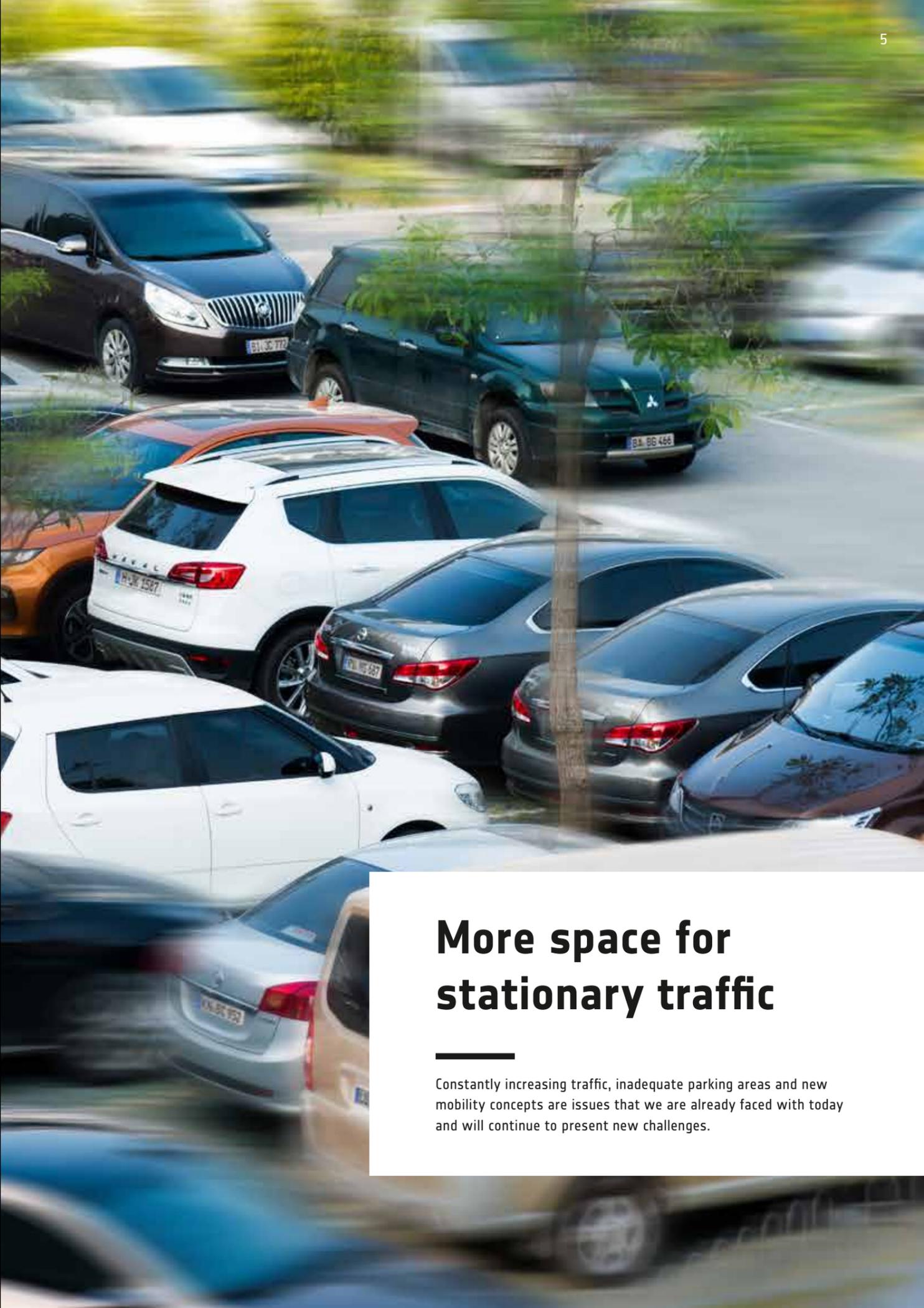


“Your task is not to foresee the future, but to enable it.”

Antoine de Saint-Exupéry

The future starts today

As the traffic and energy revolution advances, it will significantly impact and change our lives, our mobility, and finally the way we park.



More space for stationary traffic

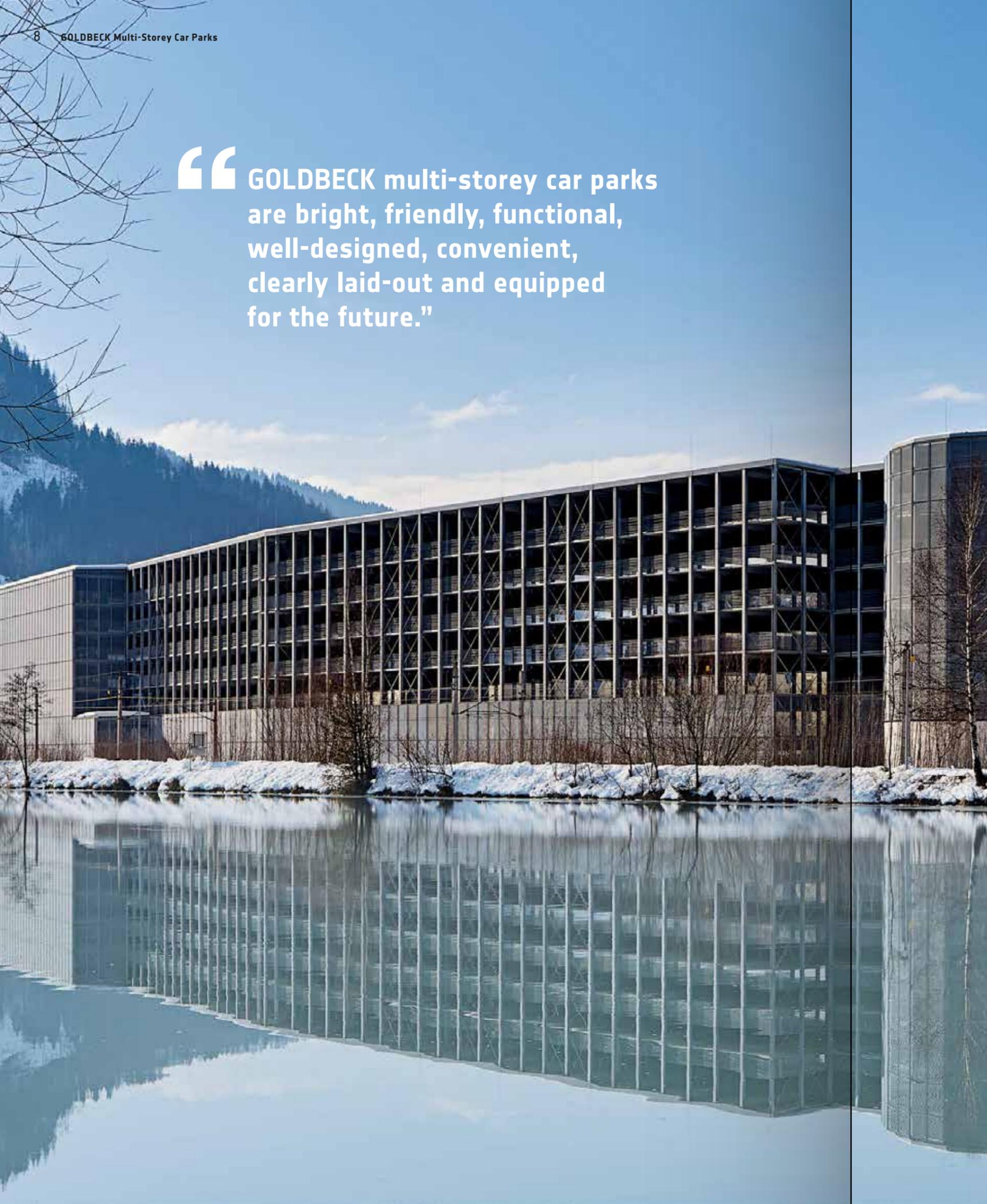
Constantly increasing traffic, inadequate parking areas and new mobility concepts are issues that we are already faced with today and will continue to present new challenges.



It's time for intelligent parking!

Intelligent parking space solutions from GOLDBECK are flexible, future-oriented concepts designed with freedom in mind.

“GOLDBECK multi-storey car parks are bright, friendly, functional, well-designed, convenient, clearly laid-out and equipped for the future.”



Contents

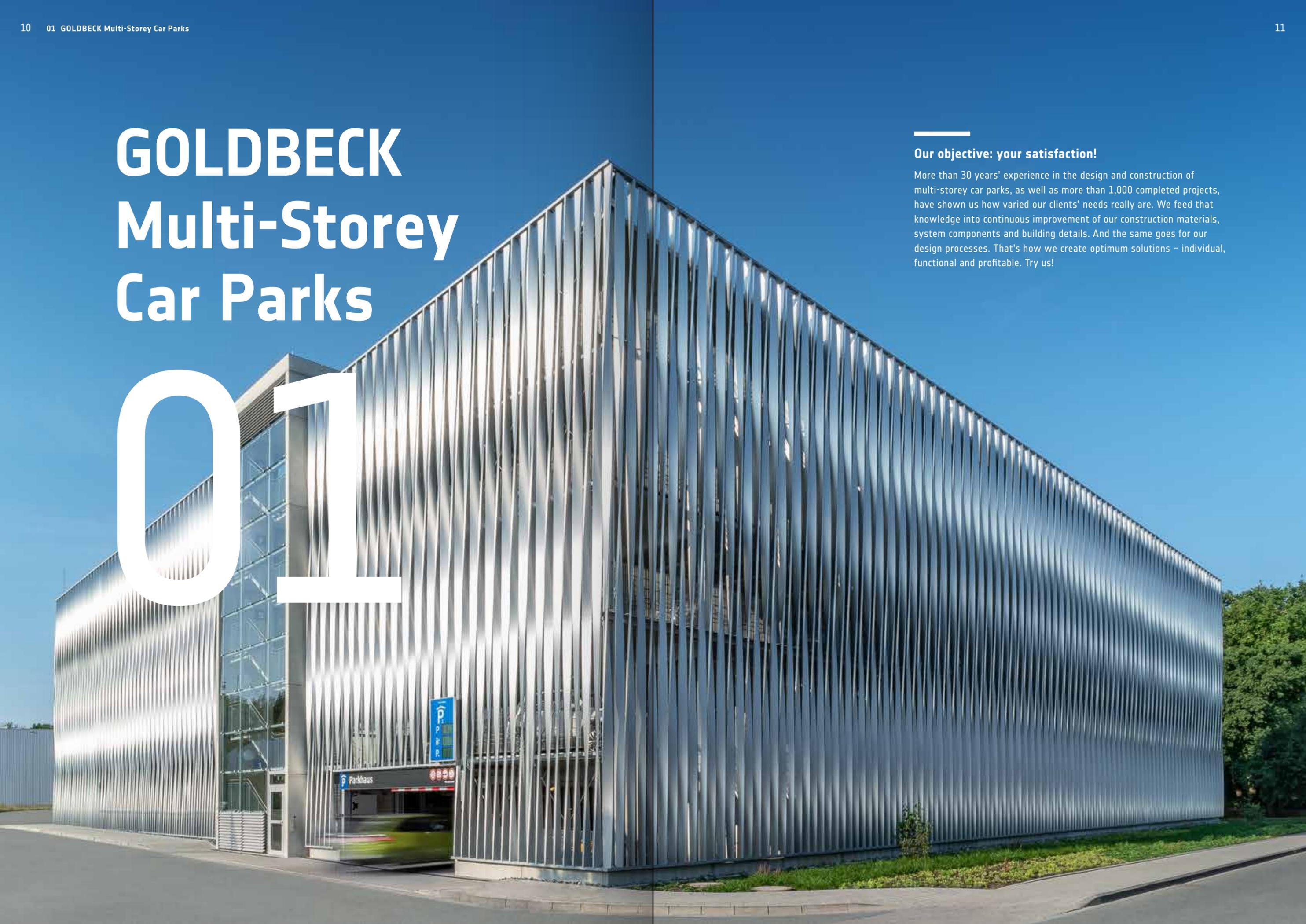
- 01 GOLDBECK Multi-Storey Car Parks** 10
 - Concepts with Foresight 12
 - Building with System & Design 18
 - Details with Function 28
 - Mobility with Vision 36
 - Comfort with System 40
 - Management & Operation with Expertise 44
- 02 References** 46
- 03 GOLDBECK – The Company** 56

GOLDBECK Multi-Storey Car Parks

01

Our objective: your satisfaction!

More than 30 years' experience in the design and construction of multi-storey car parks, as well as more than 1,000 completed projects, have shown us how varied our clients' needs really are. We feed that knowledge into continuous improvement of our construction materials, system components and building details. And the same goes for our design processes. That's how we create optimum solutions – individual, functional and profitable. Try us!



Concepts with Foresight



Integrated and outside the box

Our projects are successful because they're built on a solid foundation: honest discussions, open exchange, good ideas, strong concepts and a team of interdisciplinary experts, paired with a pioneering digital information platform. We not only keep the construction of your multi-storey car park in mind, but also take into account the available infrastructure, ideal access to the traffic network, and the future management of the building – for optimal routes and satisfied users.

“If there is any one secret of success, it lies in the ability to get the other person's point of view and see things from that person's angle as well as from your own.”

Henry Ford

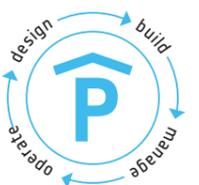
Integrated design and implementation

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 will work with you to determine and analyse your precise specifications and vision. Your preferences and requirements for the building and its subsequent operation, as well as all other relevant framework conditions, are the cornerstone of a user-friendly multi-storey car park that's fit for purpose.



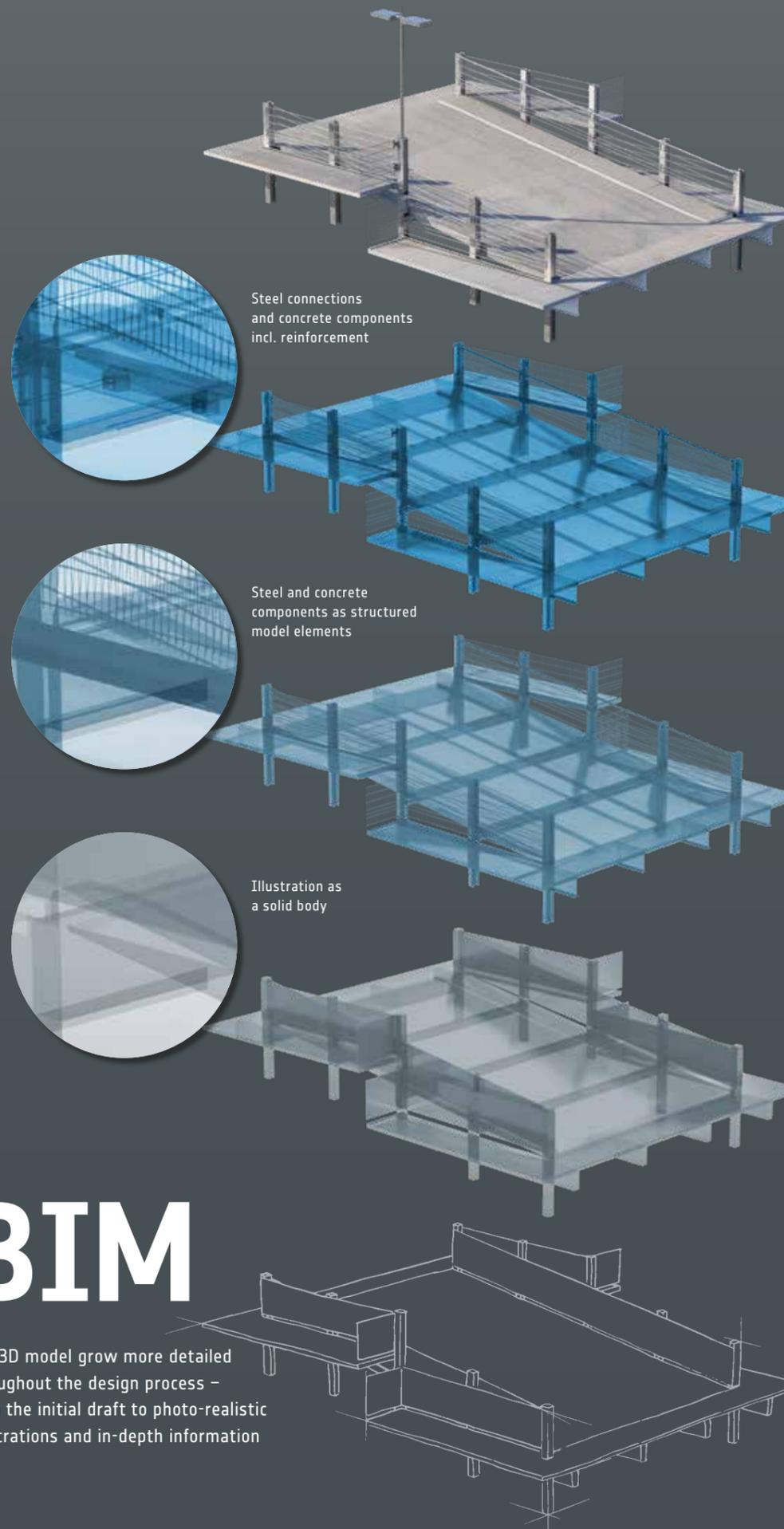
On this basis, our interdisciplinary design teams will plan and deliver your multi-storey car park with our own engineers, technicians and architects on board, using an integrated approach, all from a single source. Which means smooth processes and a perfectly coordinated project, saving you time, stress and money.

Unique at GOLDBECK:
We offer comprehensive services even after implementation via our optional Parking Services, who can take care of maintenance, servicing and operation on your behalf.



Perfection in every dimension

Integrated design means keeping all the details and the big picture in mind at the same time. That's why all project threads run together in Building Information Modelling (BIM). BIM is both a design method and an interdisciplinary information hub that integrates all the steps of the design process in a virtual model and enables all the aspects of your construction project to be carefully coordinated. Interfaces are minimised and transparency guaranteed, preventing conflicts and making interdisciplinary cooperation more efficient.



Construction

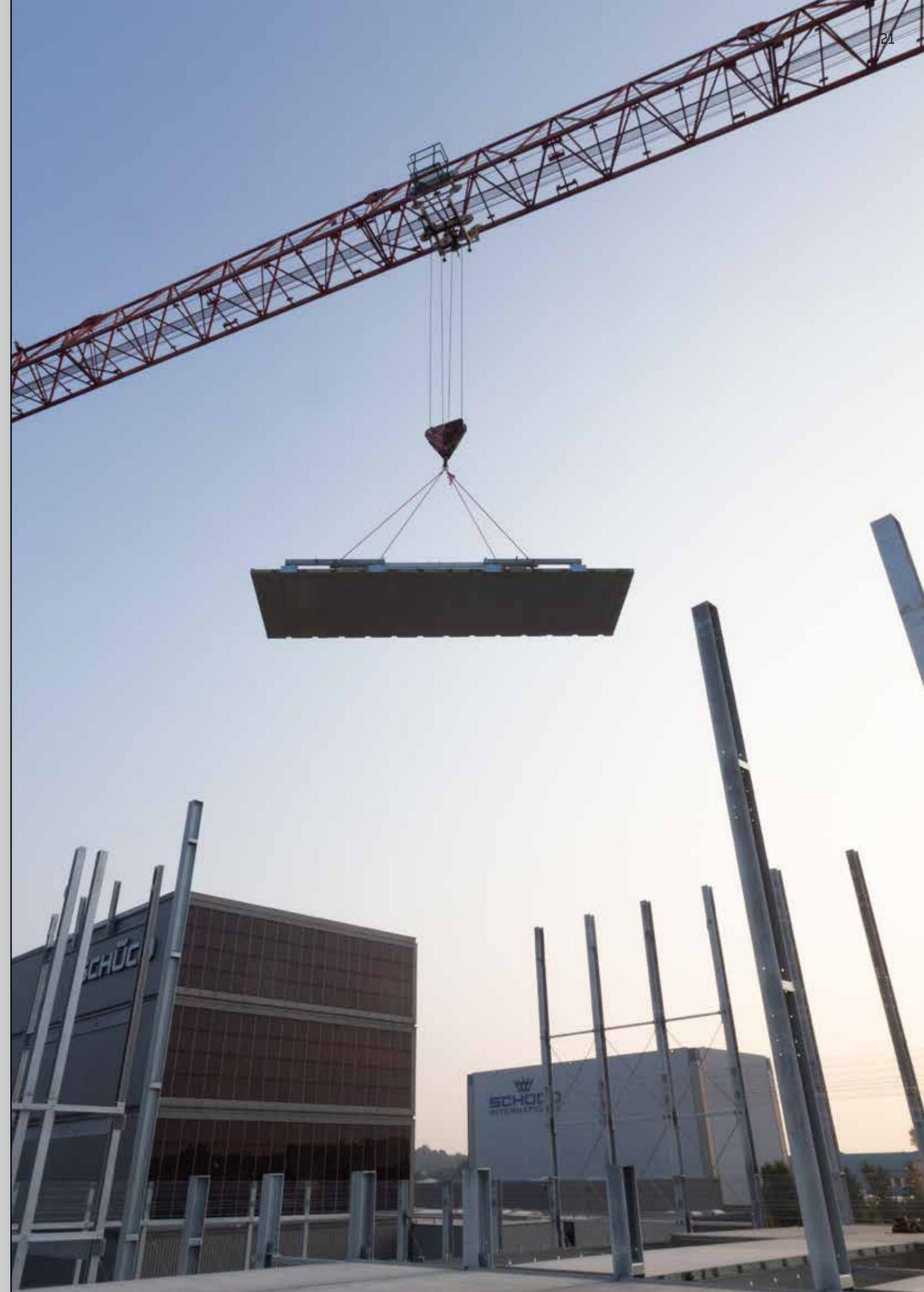
with System & Design

Experience and innovation set the GOLDBECK system apart. Our processes and construction elements are systematised and perfectly tuned to one another and their eventual function. The result: your multi-storey car park, tailored to your specifications and preferences, and implemented with proven system components, technical know-how and an eye for detail and design. We volume-produce individual elements to combine the maximum number of parking spaces in a minimum footprint with effective traffic management and high user comfort.

Volume production and assembly

We manufacture system components made of steel, concrete and aluminium, in our own plants, always under the same conditions – we call it perfect volume production. This ensures consistent, high quality for the best possible price.

Materials are supplied to the construction site via just-in-time delivery. Thanks to optimal logistics planning, intermediate storage on the construction site is not necessary. All construction elements are precisely tuned to one another, so that they need only be assembled by our teams on site – coordinated and on time.



Height between floors: 2.75 m

Bay width: 16 m

When parking, drivers can simply orientate themselves by the support beams and columns, as the grid of the support system corresponds to the parking space layout.

Clear height: 2.10 m

Parking space width: 2.50 m or 2.70 m



User-friendliness starts with construction

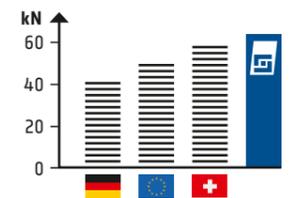
Our optimised supporting structure in steel and concrete ensures an open construction with support-free parking areas. The result is a bright and friendly GOLDBECK multi-storey car park, that's not only aesthetically pleasing, but thanks to the transparency and intuitive orientation, provides the end user with a sense of safety.



Maximum quality and safety

Innovative, unique, durable: uncoated concrete deck slabs are unique to the GOLDBECK system. Resistant to temperature fluctuations, frost, de-icing salt and oil, they're also exceptionally low-maintenance. We always keep in mind how we can minimise maintenance costs in your new multi-storey car park.

Our mission – especially when it comes to safety – is meeting tomorrow's needs today. That's why GOLDBECK Euro grating, for use as impact protection, is even safer and more reliable than European standards require.



Specified impact load (kN) in comparison: The GOLDBECK solution outperforms the specified standard values for Germany, Europe and Switzerland.



A creative variety of façades

From purely functional to architecturally unique: colours, shapes and materials make every multi-storey car park distinctive and one of a kind. The façade offers plenty of opportunity for individual design options and creative architecture. Requirements for noise, glare, fire protection, planning constraints are a question of choosing the right façade.

Get creative with your architect, or work with our experts to develop attractive, economical solutions, that meets your specifications and requirements. The façade is the face of your multi-storey car park – show your personality and individuality.



Discover the variety of
GOLDBECK façades
goldbeck.de/downloads

Details with Function

User-friendliness doesn't have to be left to chance. It's a question of cleverly combining studied details so that users can quickly and safely find a parking space, whilst maintaining an efficient exit back onto the street. Every day, thousands of satisfied drivers across Europe and elsewhere demonstrate the practicality of GOLDBECK multi-storey car parks. Let us show you how it's done.

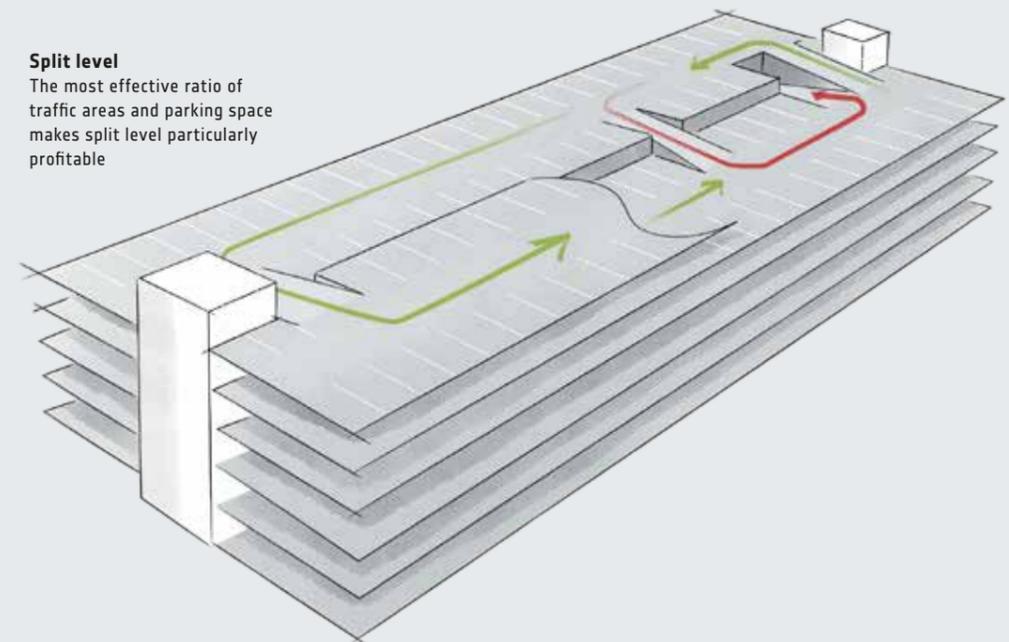
A system for every size of multi-storey car park

A well-designed multi-storey car park system in a split level or full storey design – depending on its size, frequency and purpose – combined with a reliable parking management system, enables intuitive traffic management, clear navigation and short routes.

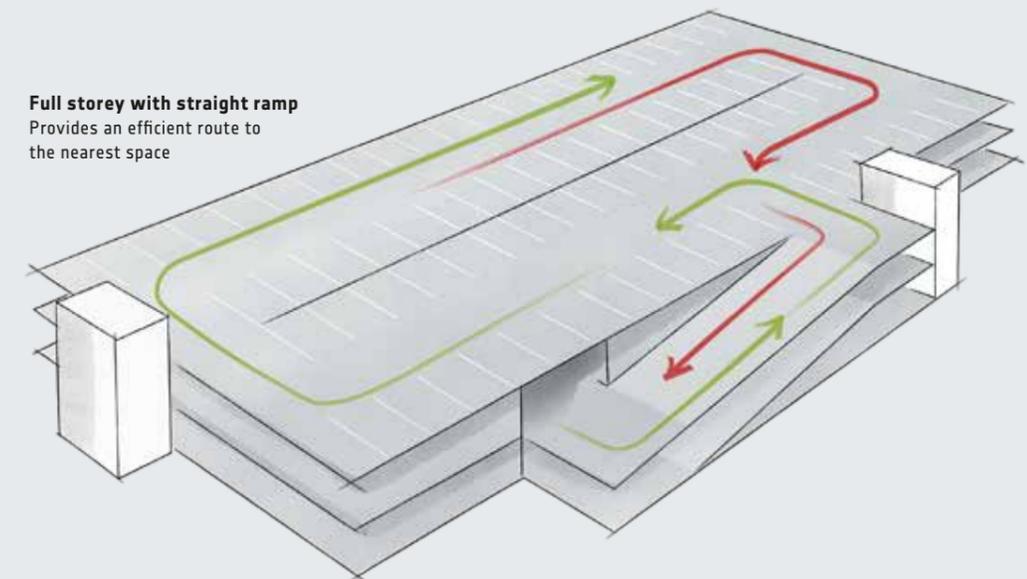
Straight or circular, the ramps are the most demanding construction element. Their quality, shape and width determine whether a multi-storey car park is easily accessible. We maximise user-friendliness with concave and convex transition curves in areas of changing gradients, as well as slip-resistant surfaces.



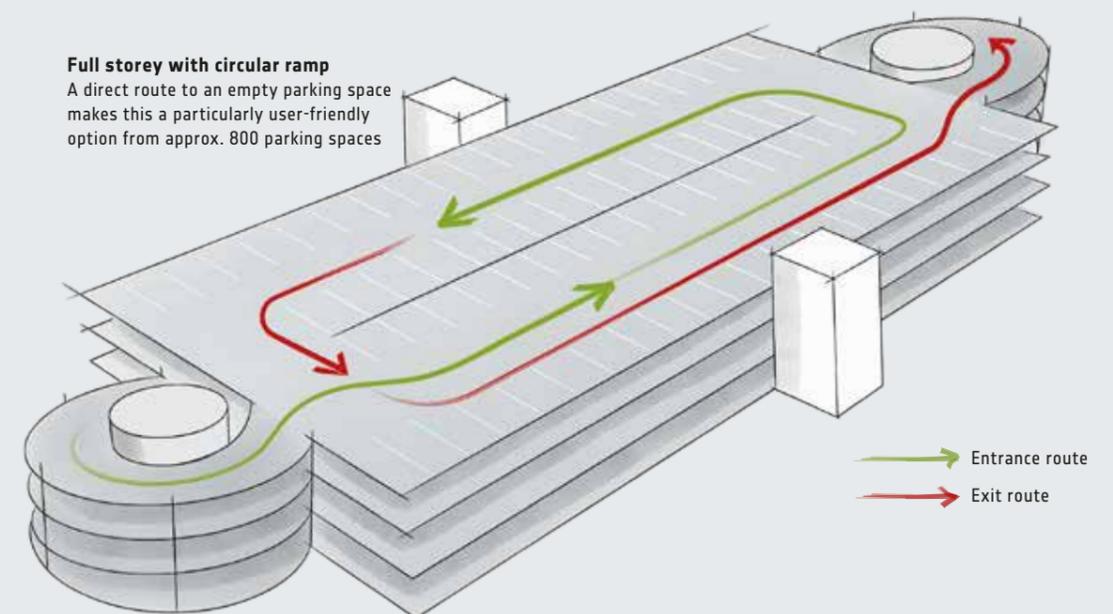
Precise transition curves every time, thanks to industrially precast concrete elements – that's what we call convenience.



Split level
The most effective ratio of traffic areas and parking space makes split level particularly profitable



Full storey with straight ramp
Provides an efficient route to the nearest space



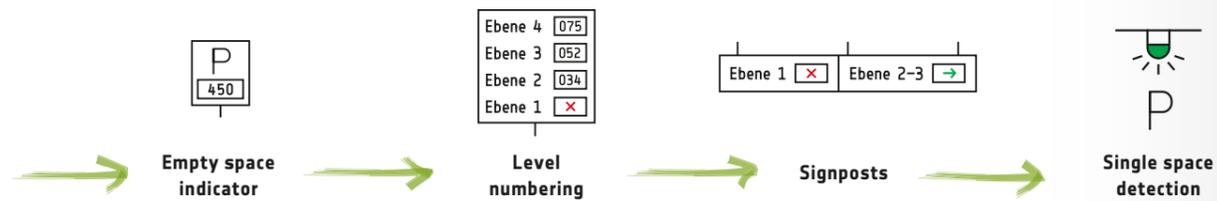
Full storey with circular ramp
A direct route to an empty parking space makes this a particularly user-friendly option from approx. 800 parking spaces

→ Entrance route
→ Exit route

Direct way to an empty parking space

Drivers can quickly and easily find a parking space, thanks to GOLDBECK's signposting concept and reliable parking guidance technology. These make multi-storey car parks more customer-friendly and more profitable. Empty space indicators, level numbering and single space detection systems take customers directly where they need to go.

This minimises traffic and CO₂ emissions as cars spend less time looking for spaces, and boosts utilisation at the same time. And courtesy of digitalised parking management and contactless paymentsystems, as well as barriers that open on recognition of the car number plate, users are already enjoying tomorrow's technology today. We make parking a pleasure!



LED technology for optimum lighting

Where vehicles and pedestrians share the same space, optimised lighting is especially important. The LED system, developed specially for GOLDBECK, optimally and evenly illuminates the parking area without glare – so bright spots and dark corners are a thing of the past. An energy-efficient lighting concept that is built to last and sets new standards.



LED parking lenses ensure homogeneous lighting

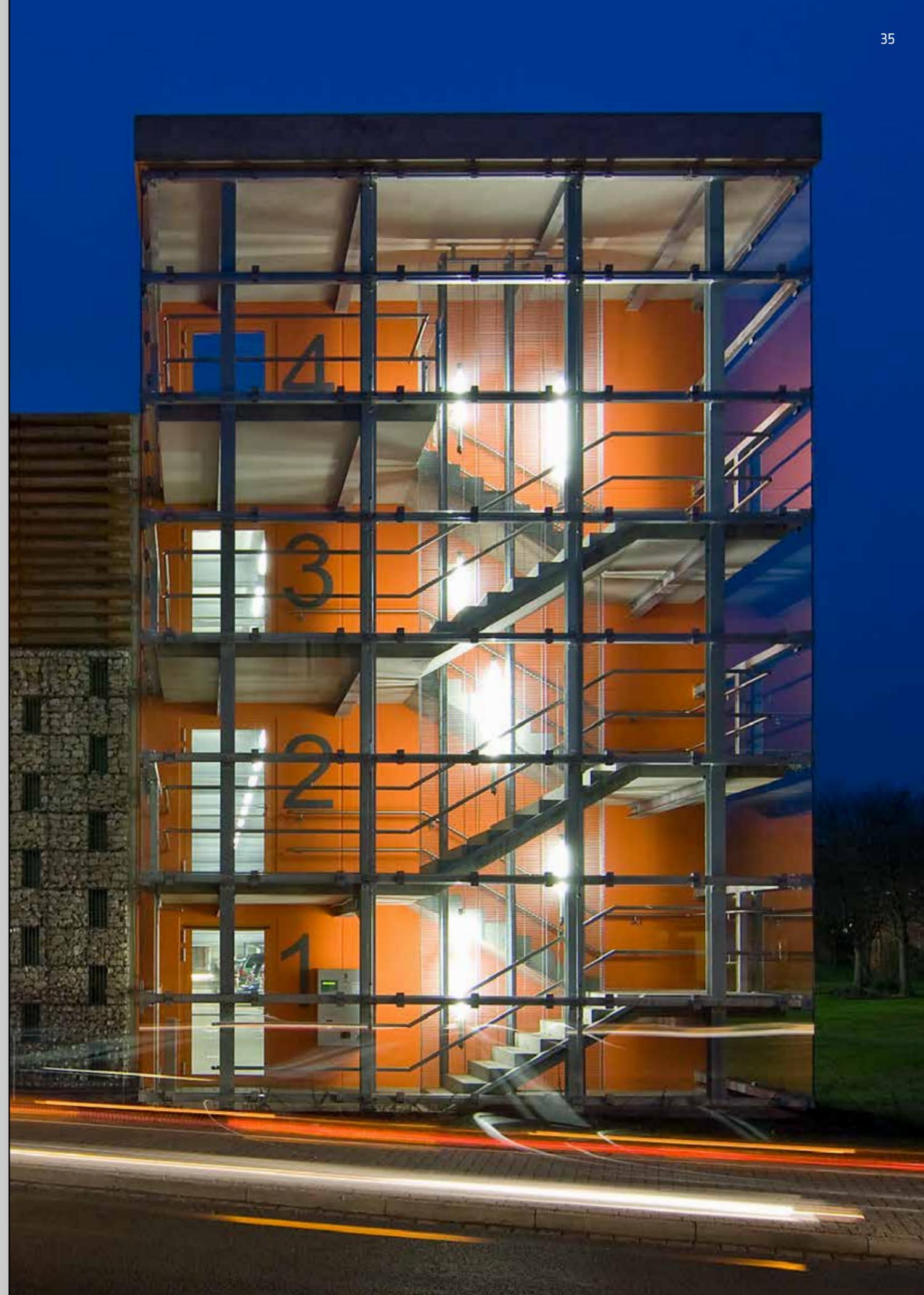


Conventional spotlights, on the other hand, result in dark corners

Striking staircase

Park, get out and be a pedestrian. Demand for short routes and convenience is high. Whether they are purely functional and economic or individually designed, open or with a façade, or with or without a lift – GOLDBECK modular staircases offer plenty of scope for individual requirements, and are always bright and welcoming.

Client-specific solutions for entrance areas and staircases offer maximum freedom of design – placed in an architecturally striking setting, they become an eye-catching feature and function as the hallmark of your multi-storey car park.

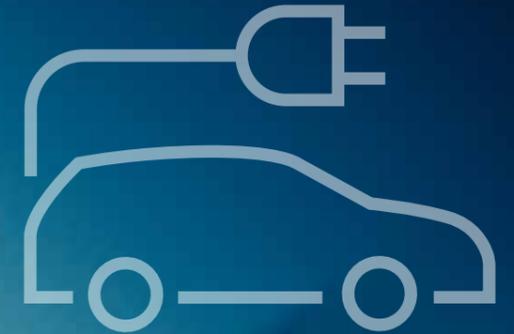


Mobility with Vision



The future of mobility will change the way we park, too

The rise of e-mobility is now unstoppable and is being firmly driven by policy. The increasing number of electric vehicles and plug-in hybrids will require a reliable charging infrastructure that grows with it. What's more, if we're to be ready for the future, the design of traffic areas and parking spaces has to factor in issues like autonomous driving and parking.



Filling stations of the future

We see multi-storey car parks as the filling stations of the future. Time spent parked is ideal for use as charging time. To stay ahead of rapid technological developments in this field, we're developing future-proof solutions that will grow with rising demand.

As a pioneer in e-mobility, GOLDBECK already offers a unique solution today, with the perfect symbiosis between building and technology. Combining a photovoltaic system on the roof of the building with electric charging stations by the parking spaces will make your car park fit for the future. Capacity for expansion, a fine-tuned energy and charging management system, practical payment systems and conformity with calibration regulations included. You determine when and what scope of services you require. All the technology and intelligence of the power supply converge in one centralised technical room – a real advantage for maintenance.

Employee multi-story car parks from GOLDBECK

Known users with consistent parking and charging times, combined with a suitable payment system – ideal conditions for establishing e-mobility. Let us show you what's possible.





Comfort with System

Your needs and preferences are our benchmark – that's why we combine systematised construction with maximum individuality. The GOLDBECK Comfort construction kit gives you the option to configure your multi-storey car park precisely to your requirements.

Comfort made-to-measure

For many building components, you can choose from three comfort levels: **Comfort**, **Comfort Plus** and **Comfort Premium**.

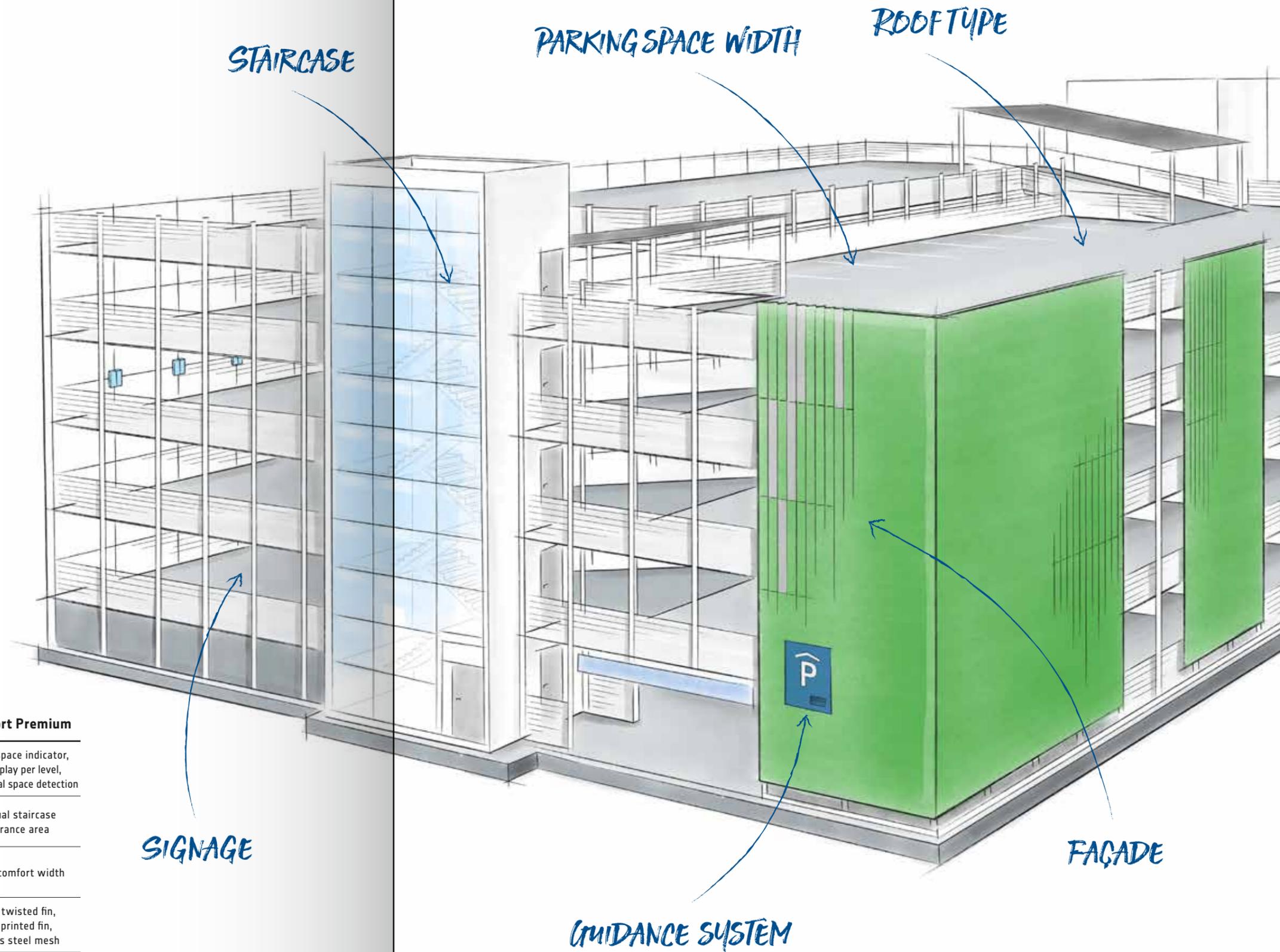
From the staircase to the façade and the parking space width, all the way through to the technical components – our architects and engineers work with you to develop the perfect solution for your project.

Comfort construction kit

The GOLDBECK Comfort construction kit offers different user groups and developer requirements ideal system solutions that can be freely combined according to need.

| | Comfort | Comfort Plus | Comfort Premium |
|----------------------------|--|--|---|
| Guidance system | Empty space indicator | Empty space indicator, numerical display per level | Empty space indicator, zone display per level, individual space detection |
| Staircase | System staircase without lift | System staircase with lift | Individual staircase incl. entrance area |
| Parking space width | 2.50 m basic width | 2.50 m and 2.70 m combined | 2.70 m comfort width |
| Façade | Steel mesh mat, steel grating, sheet metal panel | Stretch metal, perforated sheet metal, profiled construction glass | Vertical twisted fin, vertical printed fin, stainless steel mesh |
| Roof type | Weather protection by concrete ceiling slabs | Cold roof as purlin roof | Green or hot roof |
| Signage | Signposting concept for cars | Signposting concept for cars and pedestrians | Signposting concept for cars and pedestrians, colour guidance system |

Example illustration of selected features



PARKING SERVICES

Management & Operation with Expertise

Long-term success

Your multi-storey car park is finished, but we offer continued support! Our Technical Service will start operation of the property and maintain its functionality long-term. Under a leasing or management contract, we'll ensure it stays profitable. As well as personalised support, we offer a 24/7 parking control centre and smart tools to make operation easier.

Do you have existing multi-storey or underground car parks? Contact us! On request, we'll carry out an assessment and any necessary renovations.

Services

| | |
|------------------------------------|--------------------|
| Leasing & management contracts | Start of operation |
| Barrier & payment systems | Servicing |
| Contract handling & client support | Maintenance |
| 24/7 parking control centre | Winter service |
| Cash handling | Energy monitoring |
| Reporting | Renovation |



Find out more at
goldbeck-parking.de

References

02

Users at a glance

Employees, customers, travellers, patients, visitors or residents – they will all quickly reach their destination, because every GOLDBECK multi-storey car park is one of a kind and perfectly designed for its purpose. Convenient and functional for users, yet profitable for you as the owner and operator. We understand the unique requirements of every user group and can advise you in any context.

 **Leisure**

Am Winterbergtor
38879 Schierke, Germany
735 parking spaces

“When a well-thought-out interior meets an attractive exterior, the result is successful multi-storey car park architecture – as diverse and individual as our clients.”



 **Hospital**
Herford Hospital
32049 Herford, Germany
294 parking spaces





P **Employees**

HUGO BOSS
72555 Metzingen, Germany
496 parking spaces



P **Municipal**

Hofaue City
42103 Wuppertal, Germany
346 parking spaces





P Residential

Degewo
12279 Berlin, Germany
553 parking spaces



P Leisure & events

Mercedes-Benz Arena
10243 Berlin, Germany
1.347 parking spaces





P Airport

Hannover Airport
30855 Langenhagen, Germany
2.750 parking spaces

GOLDBECK – The Company

03



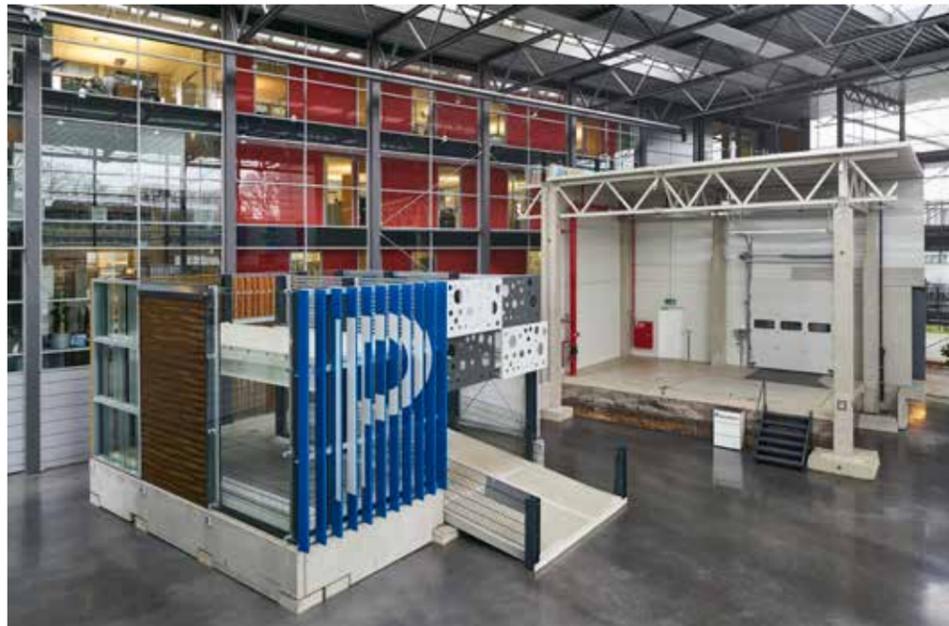
GOLDBECK

Together in pursuit of success

Creative ideas in our heads, proven solutions in our hands and a strong partner at your side – start your multi-storey car park 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 refurbishment. GOLDBECK is a partner to small and medium-sized businesses as well as large companies, investors, developers and public sector clients. As a family-owned company, we foster a culture of values: our relationships are defined by commitment, humanity and a sense of responsibility.



Constructive details you can touch: In our exhibitions "SystemZentren" in Bielefeld, Hirschberg and Leipzig, you can get up close and personal with our technology via full-size exhibits.

Expertise on site – always nearby

It's good if there is always a contact person nearby. It's even better if he knows the regional conditions. Best of all, however, is when he can pull all the threads together, answer all of your questions competently and remain a reliable partner at your side. Our branch network makes it possible.



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