# New Work. New Spaces.

# Making space for success.









### Contents.













#### New work. New spaces.

When home office is here to stay	4
Remote Teamwork	8
The six spatial zones	10
Movable system walls in trend	14
The hybrid work environment	16
Circular constructing with the feco system wall	20
Welcome to the Metaverse	22
Biophilia – plants enliven spaces	24
Coworking – homelike office	26

#### **Projects**

Economy	30
Banks, insurance companies	92
Public buildings	110
Education	120
Research	134

#### The feco Group

A family business for 130 years	
40 years feco. The system wall.	144
Three business segments – one team	147
The feco-forum	148
Strong-brand office furnishings	150
Dialog in the forum	152
Our services	154
The feco partition wall system	156
feco partners worldwide	158
feco product development	162
feco room acoustics	164
Sustainability	166
Project management & implementation planning	168
feco production – wood	170
feco production – glass	172
Assembly & Logistics	174
Career opportunities at feco	176



# How would you like to work in the future?

Imagine arriving at your workplace and immediately feeling comfy. Sure, your new office strengthens exchange and encounter, and makes corporate culture tangible. Teams meet up in a variety of spaces designed to suit their needs. System walls define project zones and provide retreats for hybrid working. Good acoustics provide for well-being and increased productivity.

With a well-planned work-space concept and versatile system walls, any office can become an effective working landscape. This does not mean that more space is required. On the contrary, an activity-oriented layout can even increase room efficiency and flexibility.

Our team of office-planning specialists and interior designers will be happy to assist you with your individual project. We develop inspiring and sustainable workspace concepts based on your needs and characterized by highest quality, functionality and reliability. And this already for 130 years. Let's design the office of the future together!

Hadele Freder

Corona Feederle

Klaus-Michael Feederle

# When home office is here to stay, office can't remain as it is.

An office reboot.

Actually, we thought we were right on target. In line with agile cooperation, the offices were made more flexible: everything ought to be possible on "Open Space" – especially communication and knowledge exchange. But now – as the workforce increasingly stays in the home office – one question stands to reason: Were people forgotten in these simulation games?

The retreat into the home office and the desire to find one's own cozy office again may be understood as a turning away from the "Open Space" idea and those uniform one-fits-all offers. The fact that "Open Space" would promote exchange, has – after all – not been confirmed. On the contrary: as "wearing headphones" did prove, the desire to be able to concentrate on one's work at the desk was much more evident.

The added value of the office is in the diverse space it offers, not in metering-through computer workstations.



Sure, the architect's offices and some creative agencies remained faithful to Open Space. Because, needless to say, a clear floor space offers the easiest way to distribute workstations. The driving force behind this planning idea are economic constraints, that are still being sold these days as maximum efficiency with the greatest possible flexibility – but for whom? This, by no means, addresses the visually and acoustically vulnerable employees – sitting in rank and file in front of a monitor, that isn't even "their" workplace.



Download the New-Work-Order study "The Power of Space"



As a result, Open Space is becoming a metaphor for the stress factors of New Work: The uncomfortable feeling each time of having to find your spot or place from scratch, of being watched by others, of having no personal privacy and even having to leave the room for conversations. Then again, office workers have confirmed in numerous surveys that their co-workers are the main reason for going to the office. But here, it seems the quality of the familiar exchange no longer has its place.

#### One-fits-all is over

Because Open Space loves space management: Real estate developers, planning service providers, and numbers-driven organizational consultants Nowhere else is it so easy to divide up space through headcounts, implement a desksharing quota and bring the plan to life. But the simple equation no longer works.

#### Why new space concepts are needed:

#### 1. Lack of planning capability

By now, most employees use the option of working from at home or from on the go, and do not want to come into the office on more than 2-3 days at most.

#### 2. Utilization ranks above supply

Employees that come either experience a nearly extinct Open Space or – in case of shortage and desk sharing – have to find a work spot using a booking tool. Fiddling around with quantity does not automatically lead to more quality.

#### 3. Coordination with teammates

When the talents come to the office, they would like to sit and exchange ideas with their team. But this calls for separated space and acoustically distinct zones. Computer workstations no longer metered through at any office.

#### 4. New requirements

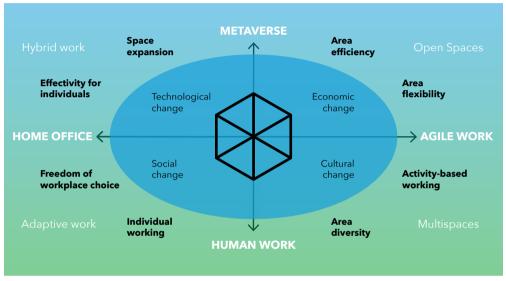
The additional demand for meeting, team and workshop space is on the rise. At Swisscom, for example, it occupies some 60-80 % of the total space. Communication thus requires a variety of space offerings.



#### Mood stimuli

In open concepts, it was often ignored that people are not only social but also territorial beings, looking for a framework or space in which they can act and that they can occupy. Interestingly, the new-work trend of so-called activity-based working also fits in with this anthropological system. Trans-

disciplinary project work and the application of agile methods require that work spaces change along with the working methods – simply because the environment can and should support the respective working intention with the appropriate framework.



The graphic illustrates not only how many influences the world of work is under, but also encourages people to make use of them to design their own working world.



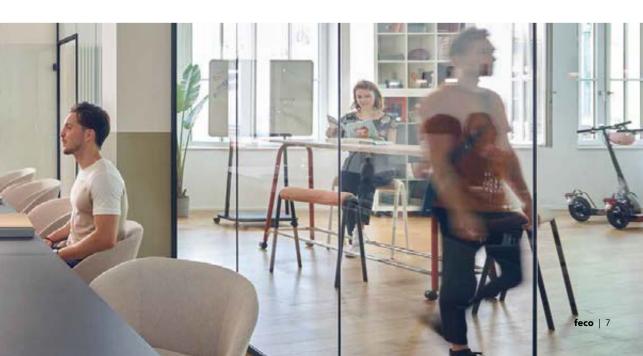
The idea is that for concentrated activities you seek a different work spot than for routine work, and other different environments for creative workshops. casual exchange, the personal conversation or for recreation or recovery. Consequently, many Open Spaces are subdivided by smaller team and workshop rooms and transformed into multi-space landscapes. Nonetheless, space offerings still reflect the support they provide in a very rudimentary and rather functional way with respect to the users. Albeit so, the atmospheric charge, light color, acoustics and materiality offer stimulating potential, as brain researchers and psychologists of perception confirm.

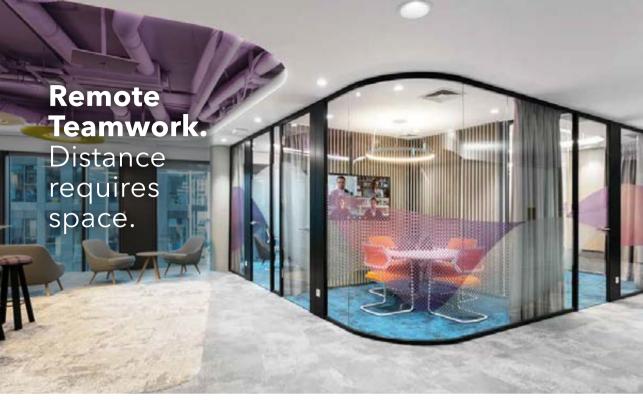
Talents like to be in the office with their team and exchange ideas. This calls for separated space and acoustically distinct zones.

#### **Effective working environments**

Especially the question of what else can take place in the office that can't also take place at home, in a co-working space, a restaurant or a conference hotel, is currently spurring not only office planners. The impression that networking extends to the home office, but that loyalty to the company is declining, is slowly alarming both management and HR development. In view of the shortage of skilled workers, one approach to a solution is a stronger user focus, as HR is currently postulating as "Employee Experience". "Experience" sounds a bit like the experience worlds in retail or virtual experiences in gaming, hinting that the new worlds of work will extend from multisensory touchpoints into the metaverse.

But before it is worth visiting the metaverse, the overlay of digital information with our carbon world offers much more excitement to experience: Sizzling experiences fed by digital information that can be described as "blended learning" – or as new worlds of working. With the best of both worlds, the office as workplace could offer its users a stage for more self-efficacy, and the area or resonance space for the "Employee Experience".





Experience has shown that where different minds work on one thing, the most creative solutions often emerge. But getting there is not always easy. It becomes even more difficult when part of the team can not be on location, but contributes remotely. The talk is of "remote teams". So what is to be done when distances can't be physically avoided in everyday working life?

#### On the absence of presence

There is no ideal substitute for face-toface encounters. But in some situations, being on location together is simply not possible. For instance, because service providers, colleagues from other locations or from the home office are involved in the project, and travel cannot take place. Not having individual employees in the same room as their teammates can also be quite enriching. Researchers at office furniture manufacturer Steelcase have found that when people from different cultures work together, thought processes diversify and better ideas can result. Distance, however, can lead to a sense of disadvantage for those who cannot participate in person. This is known as "presence disparity".

#### Communication is what gets across

In everyday working life, video conferences, content sharing platforms, etc. create new, virtual spaces. A key success factor here is the ability to see each other and share content in real time. Mutual visibility helps us stay mentally focused.

#### The office is the limit

The success of remote teams stands and falls with the extent to which they succeed in minimizing the gap created by physical distance. As creative as some get in the process, they are still bound by the existing conditions. That's why most video conferences take place in traditional meeting rooms, where all participants huddle around a screen at a rectangular table. The consequences: The camera doesn't capture all team members, conversely some have a limited view of the screen, and acoustics are not equally good throughout the room. So, for knowledge and ideas to flow freely remote, it takes more than just technology. Just as is true for on-site agile working: It all comes down to a spatial concept that adapts to the different requirements.



#### Space and system-wall solutions

To best support teamwork technologies, the conditions for different team sizes and video conferencing should be in place from the start. That wide range of space is becoming more important than ever. While teams of two can retreat to an integrated corner with mobile solutions, small project groups unfold best in closed studios, and the entire department still needs the large conference room. In this, different room zones should be designed in such a way that employees can easily switch between group and individual work modes at any time. With the right office furnishings and space-creating walls, ideal conditions for these different settings can be realized. For employees, think tanks or brain boxes are simple and quick retreat options for video calls and, just like soundproofed conference rooms, can also be integrated into the room at a later time using feco system walls.



#### **Acoustically effective partition walls**

Especially during longer video conferences, it is important that the surroundings promote motion and different working postures without participants losing eve contact with each other. The right table shape is also important: D-shaped tables, for example, offer a good view on both sides of the screen. And for those who are not currently attending the conference, practical solutions are also needed. The noise levels during a video transmission can quickly rise to such an extent that concentrated work becomes a challenge for the other colleagues. Acoustically effective system walls or sound absorbers provide a relief here.

To ensure that everyone can contribute equally in remote teams, the right interplay of walls, furnishings, technology and acoustics is decisive. Both digital and analog tools should be incorporated into the office design. To find the right balance, it is worth taking a closer look at the experiences and needs of your own employees, for example with an online survey such as the feco-OfficeCheck.





More on the feco OfficeCheck, the online survey for employees as basis for office planning



# The six spatial zones. The office of the future

offers free space and well-being.

#### **Occupant:**

feco-feederle GmbH

#### Planning:

feco

#### System walls:

fecowall, fecoorga, fecoplan, fecodoor wood, fecophon wood, fecophon fabric, fecodoor glass

#### Brands:

Normann Copenhagen, Artemide, Brunner, feco, Muuto, ophelis, Sedus, Steelcase, GRAU, Vitra, Walter Knoll, werner works

If the interplay between remote work and working in the company is successful, then ideal environments for agile working are created. Based on this model, feco developed the ErlebnisReich as a hybrid working world with quality of experience and spending time at the feco-forum Karlsruhe. Here, depending on the activity, users can choose suitable rooms and room zones for concentration, co-creation, team, meeting, communication or community. An activity-oriented layout can make the space even more efficient for use.

#### The ErlebnisReich at the feco-forum

Even before the pandemic, there were clear developments toward mobile working and flexible office design. But the question remains: How will we work in the future? Despite - or perhaps specifically because of - the experiences in the home office, the majority still prefers the shared office as the primary place of work (IBA\*). Because even modern communication technologies cannot permanently replace the interpersonal exchange that is needed for an emotional team spirit and productive cooperation. As office experts, this particularly spurs us. Thus, we set out to bring our own vision of the office of the future into the present: as the user-centered working landscape "ErlebnisReich" at the fecoforum.



#### The office as a area of encounter

The office of tomorrow is not about replacing workspaces or reducing space. More than ever, we need workspaces in the future that do not simply provide us with areas to work and learn. We need productive spaces that put people at the center. Working environments that are deliberately designed with so many variations that they stimulate our senses. In brief: We need areas of encounter



#### Concentration

Spaces into which employees can withdraw and concentrate on individual tasks.

#### Team

Spaces for working together, to develop concepts and solutions.



#### Co-creation

Spaces that support togetherness and a common basis, encouraging innovations.

#### A hybrid working world for every requirement

Future-oriented office surfaces offer their users free space. The ErlebnisReich has areas and space zones without defined seating or functions. Users decide for themselves how to utilize the individual areas for specific activities. This creates flexible settings, sometimes for concentrated work alone or for two. sometimes for co-creation and communicative meetings in a team. Room size, surfaces, materials, furnishings - each zone can be individually designed and equipped, and can thus flexibly adapt to changing requirements. By the way, this does not mean that a zone needs more space. On the contrary: A usercentered, activity-oriented layout can make the space even more efficient for use. The distinctive layout with feco system walls pushes the boundaries of what was familiar until now.

#### New space perspectives

Where classic offices would create twelve workstations in six double offices on a given area, the ErlebnisReich distributes these over two large team areas with six workstations each. In addition, this resulted in five more spaces for individual, tandem and team work. That shows: To make an office fit for the future, you don't need new rooms or premises, but a new perspective. With an adaptable workspace concept and the matching system walls, any office can be transformed into an agile working landscape! Interested in what the working world of tomorrow feels like? Come visit us in the feco-forum and be inspired!





#### Communication

Spaces as meeting places for informal conversations with colleagues and customers



#### Meeting

Spaces that promote the planned exchange of knowledge.







#### Community

Space for non-workrelated exchanges that strengthen the team spirit and a sense of "togetherness".

# Movable system walls in trend.

## Successful as a feco partner.

#### Schedule, produce and assemble

Relocatable partition wall systems offer design freedom in terms of materials, color and transparency to create spaces where people feel comfortable and can work well. They support work processes by partitioning, structuring and defining spaces and offer openness for communication and protection for concentrated work in equal measure. As more and more requests for bids include the



production of system walls in addition to project-specific interior finishing services, another source of income opens up for glass processing or carpentry companies by planning, producing and assembling them on site.

Therefore, it is optimal if the finishing company cooperates with a manufacturer of system walls, which trains and supports it, but leaves it full autonomy, so that it can continue to act independently. feco Systeme is such a company. 40 years of experience have gone into the development, production and assembly of our own partition wall system. In addition, many years of experience in planning office space are incorporated into product development.

#### Knowledge is made available

As one of the leading manufacturers, the partition-wall specialist offers finishing companies partnership-based cooperation. For this purpose, the interested company enters into a manufacturing and distribution agreement. The partner then receives all the necessarydocuments for sales, planning, production and assembly, such as detailed system drawings, technical explanations and a basic set of samples and product documentation. A partner product brochure for marketing purposes is also provided.

The test reports, test certificates and approvals issued for the system regarding sound and fire protection properties as well as proofs of static strength according to DIN and the existing fire-protection certificates are available to the finishing company. In the protected area on the website, partners can access comprehensive system details, processing and assembly instructions, ins-

tallation videos, test certificates, certificates on sound insulation, fire protection, statics and much more.

Thus, the glass, wood or metal processing company can manufacture partition walls completely or partially itself with the feco-partition wall system. With the feco-system, partner companies can realize almost every design concept individually according to the requirements and wishes of the client, determining the vertical range of manufacture itself for each new order. The Karlsruhe-

based company supplies the finishing companies with all the feco system components they need to add value, starting with the metal substructure and, if required, other glass elements, door frames and door leaves that are part of the system. Products available on the market, such as safety glass panes, fittings and doors, can be purchased by the finishing company directly from its suppliers.

#### **Extensive training**

In order for the finishing company to act as a feco partner, it shall receive product/ assembly training from the manufacturer and, if required, fire protection and manufacturing training. Beyond that, feco also provides the partner with its partition-wall calculation program in order to support calculation. This allows the partner to quickly and easily determine feco purchase prices on a rough basis. Also, feco shall present in detail its various systems to ensure that the glazier or carpenter knows the full range of performance and can market them effectively.

#### Determine own vertical range of manufacture

A positive aspect for the finishing companies is that they themselves, and not the manufacturer, determine the vertical range of manufacture. If they possess extensive machinery, capacities and know-how, they have the added value in their own operations. If this should not be the case, or if the company is working at high capacity, it can also transfer the entire production to feco.

More information on success as a feco partner



The hybrid work environment. Workspaces according to the neighborhood principle.



In the age of hybrid work, employees have more options. To make them enjoy coming to the company, the work environment needs to be improved even more.

#### **Hybrid typologies**

Three models of hybrid employees correspond to the amount of time people spend in the office. They have different needs and desires:

#### Locally-bound employees ...

have an assigned area, are strongly tied to the location and require auditory and visual privacy (e.g., designers - with samples and materials).

#### Locally-unbound employees ...

do not have an assigned workspace, often work in settings that are shared and where exchange with others is possible (e.g. mobile workers such as copywriters).

#### **Employees present as required ...**

like to come to the company to influence specifically on subjects. They may have an assigned workstation and want to be able to arrange work results so that thought processes can be understood by others (e.g., consultants).

#### The concept of neighborhood

When designing hybrid working environments, we can draw inspiration from the communities that surround us. The workplace can create community when people in it feel they are part of something special. This community can be intentionally created just like the neighborhood in which we live. Neighborhoods radiate vitality and energy. Nothing is static. Places and activities help strengthen ties between colleagues. They feel a sense of belonging there and build trust.



#### Creating hybrid working environments

Neighborly-designed working environments offer a combination of team and public areas that can be used by everyone, such as work cafés. The following areas meet the new needs of hybrid work:



**Assigned Base:** Some companies reduce the number of their assigned workstations. The employees, however, would like to have more say with regard to their work area. An assigned base offers a lot of choice in terms of privacy and cooperation or teamwork.



Unassigned team area: Hybrid work means that people will interact more often via monitor. This work environment offers versatile opportunities to connect with team members - in person or virtually. Additional shielding and a choice of enclosed areas are ideal for concentrated individual work or for participating in video calls.





**Focus area:** Hybrid teams need areas with acoustic privacy for cooperation in video calls, for focused work or for recovery – comfortable places for concentration and retreat.



**Privacy as required:** Flexible areas for active teamwork allow for more privacy in open working environments and minimize distractions in open office environments.



**Open area for teamwork:** This area can be easily adjusted to work modes. Smart technologies ensure an equal user experience for all – whether present on site or connected virtually.



**Social area - green oasis:** This area resembles a city park and fulfils the functions of a meeting room – a comfortable place to strengthen a sense of belonging and relationships.

#### Four design principles

In order for neighborly-based workspaces to function well, four design principles should be considered:

I and we: Just like a district or neighborhood, the new work environments support both individuals and teams in their work. On a daily basis, employees spend about 55 % of their time working alone and 45 % with others, so offices should not be planned solely for the purpose of working together or teamwork. Because employees cannot be expected to go home for focus work.

From rigid to flowing: A good district or neighborhood continues to develop when new people join or a new store opens. Things are also constantly changing at the workplace. Hybrid working environments are modular and flexible – they face these changes.

**Open + closed:** Good districts or neighborhoods offer private and public areas that are diverse and dynamic. Working together in more open work environments increases transparency and builds trust. At the same time, it has become clear that the issue of privacy has become even more important in the course of the pandemic.

Digital + analog: In the same way that urban planners plan smart cities, the same approach should be taken in designing hybrid workspaces. Video meetings are standard in the office today, and every participant should be able to see and hear everything well and be able to see and hear everything themselves.

#### People need the community

In the new age of hybrid work, people can choose where they work. Future-oriented offices must facilitate hybrid work, strengthen relationships and foster a sense of belonging – in other words, address all the aspects that have suffered in the pandemic.

# **Circular constructing.** With the feco system wall.

On redesigning of the Volksbank Oberndorf into the dental clinic "Implaneum", the existing feco system walls were reused according to the new floor plan organization. The feco-struct glass elements from the 1st floor were exchanged with the oak veneered feco-wall solid wall sections on the ground floor. Also, the wooden fecodoor H70 door elements on the corridor side, which are flush with the floor, changed their installation location with the fecodoor S70 structural glazing doors. Reusing these high-quality elements not only makes economic sense, but also conserves valuable resources by saving manufacturing energy, and without compromising on design.





### Equipping the treatment rooms with the existing system walls

For the Implaneum, the atrium was opened up to the glass roof and a glass elevator was added for barrier-free access. In the attractive lounge area with biophilic moss ceiling, patients can shorten the waiting time enjoying a cup of coffee. A self-service area has remained from the bank in the corner of the building facing the square, which is separated with a wall-flush F30 fecofix double glazing. On the first floor, the fecostruct glass corridor walls provide a confidence-inspiring glimpse into the clinic's own master laboratory for dental restorations.

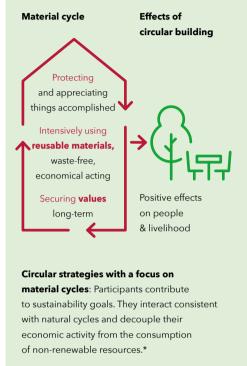


Once installed in a building, feco system walls can be relocated and reused without destruction.

### Bank building becomes dental clinic after reconstruction of interior.

With the Implaneum, the two brothers teaming up as builder and architect have succeeded in creating a dental clinic that sets national standards for a modern and attractive treatment environment, attracting international customers both architecturally and through the special services offered. The high manufacturing quality of feco system walls create a classy and sophisticated environment. Through the possibility of being relocated without destruction or material loss, interior construction with feco system walls is particularly flexible and sustainable.





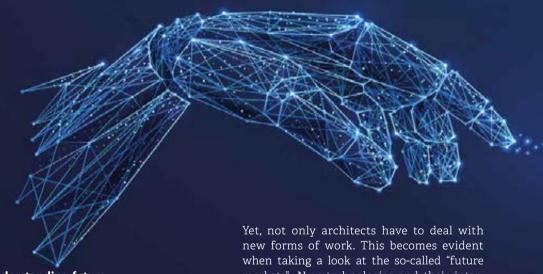


## Welcome to the Metaverse! The new spatial dimension of work.

The term metaverse is not new. Back in 2020, venture capitalist Matthew Ball used it to describe the further development of the Internet into a accessible space that spans both physical and virtual worlds. And even if the developments towards the metaverse are still in their infancy, Raphael Gielgen, trend scout for the furniture manufacturer Vitra, already sees this as the next dimension of working.

#### Within the tension field between today and tomorrow

The idea of an internet walk is still more reminiscent of science fiction. Albeit so that already today there is, for example, architectural software that blurs the boundaries between reality and simulation. Information becomes visible and tangible by bringing it into a spatial dimension.



#### Understanding future, in order to shape future

Staying competitive means anticipating the future and adapting to it as a company or business. But in practice, the limits are quickly reached. While a period of 12 to 18 months is well manageable and plannable for most companies, it is difficult to look beyond that. For this to succeed nonetheless, requires a change of perspective beyond one's own horizon, combined with the question: How relevant is what we do today going to be relevant for our customers, but also for our company, in eight or ten years ahead?

markets": New technologies and their interaction are giving rise to future markets with numerous players, such as the Green Economy or the Caring Economy - with implications on the entire business world. This becomes most visible in companies and businesses themselves: Already today, people are working there with completely new job profiles. But that's not where it will stop. With their enormous economic growth potential, Future Markets will form the basis for tomorrow's business models and corporate success. Gielgen sees the greatest challenge for businesses in shaping this transformation.



No time to read? Raphael Gielgen in the feco video podcast

#### We are all (virtually) connected

A glance at the development of globally generated data volume makes it clear that the digital share of work has increased continuously in recent years and will massively continue to do so in the future. The prognosis: By 2025, data volume will have tripled compared to 2020. In line with this, the number of digital tools supporting remote

#### The workplace as a place of learning

The major advances in the field of "virtual connectivity" have already resulted in the virtual and physical worlds increasingly competing with each other. The task of businesses is to ensure that, in the long run, both are at par. In order to handle this, the place of work in the future will have to become a place of learning. And that goes



work has skyrocketed, especially during the home office boom. Their major strength is that they enable users to work synchronously regardless of their individual location.

And according to trend scout Gielgen, this is exactly where the greatest potential of the metaverse is: That it takes teamwork to a new level, for example by using holography and teleportation to make not only the people themselves but also the context of their work visual at the same time, thus enabling digital cooperation at a whole new level of quality.

far beyond training. The new digital world expands our circle of potential interaction partners beyond our own team. This in turn enables a culture of exploration and social learning that fosters cross-innovations. So, the office of the future will be expanded by a new spatial dimension: the virtual one. Apart from the technical requirements, of course, you also need the necessary physical space – and the appropriate mindset.

How will we work in the future? Hardly anyone can report on this more than Raphael Gielgen, Vitra

"Future of Work Trendscout"



How biophilic working worlds stimulate the senses.

We spend most of the day indoors. And in the face of rising real estate prices, efficiency and space optimization are top priorities in many places when it comes to creating workspace. However, this concept is increasingly reaching its limits, especially at a time when creativity and productivity are becoming more and more decisive for the competitiveness of companies.

#### Nature as design principle

Literally translated, biophilia means "love of the living". What fascinates us so much about nature goes far beyond green leaves: The focus is on the multi-sensory experience, especially the haptics and the visual appearance. A central design element in biophilic design are therefore analogies to nature.

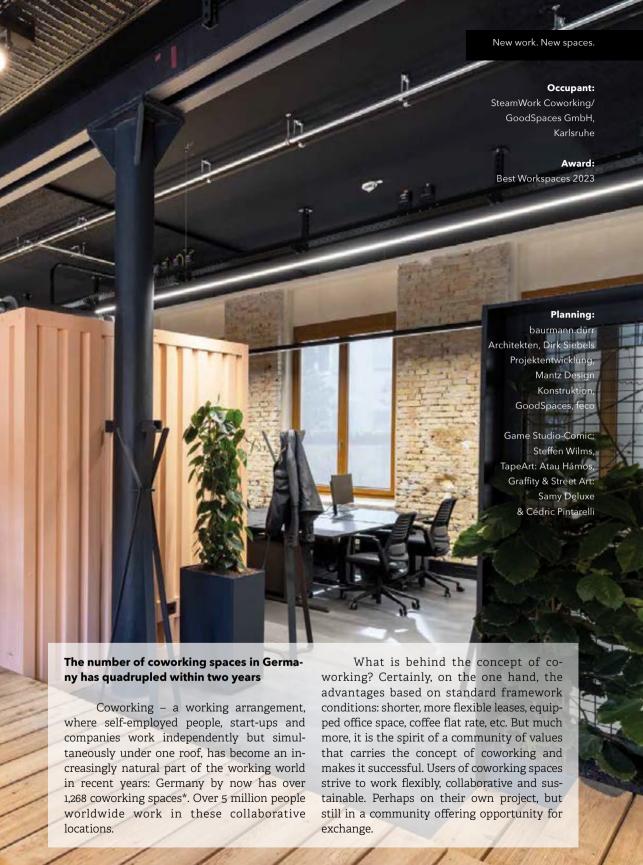


Hardly anything has such a beneficial and inspiring effect on us as nature. Well-being and creativity increase when natural elements are integrated into the working environment. Reason enough, then, not to dismiss plants and natural materials as pretty decoration, but to make them an integral part of office planning. We're talking "biophilic design."

A particularly strong closeness to nature is created by biomorphic shapes and patterns, as well as materials that establish a local association. The objective is to imitate organic and natural structures and transfer them into the spaces: this begins with the fabric for the office chairs and reaches to the shape of the lampshades.











#### Next Work Culture follows on New Work Culture

GoodSpaces GmbH, the operator of SteamWork, is also inspired by the idea of a community of values. In this, the young company, which has also initiated coworking spaces in other German cities, goes one step further. By opening a new chapter in the working world: Next Work follows on New Work. This means: SteamWork is more than a classic coworking space. Apart from a variety of community and coworking areas and team offices, creatively designed and modernly equipped meeting rooms, spaces are available that benefit the community and support meaningful projects.

One example is the multifunctional event room "The Hall" for up to 200 people including backstage, which can be booked for internal and external events from the cultural and creative sectors.

### The Impact Studio supported by feco × Muuto is readily available for initiatives

GoodSpaces makes the Impact Studio, which is sponsored by feco and the Danish furniture brand Muuto, available to various initiatives, associations and projects free of charge or at low cost. The gastronomy and the unpacked food store in the second building unit benefit not only the users, but also the neighborhood in the area.





Freelancers and companies can book office units on a fixed and longer-term basis.

#### Occupant:

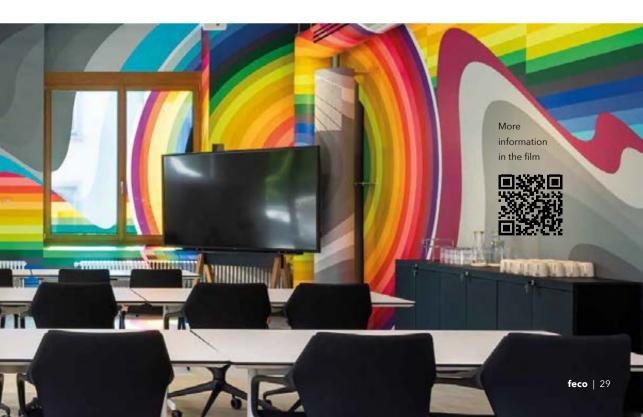
SteamWork Coworking/ GoodSpaces GmbH, Karlsruhe

### Expression of a contemporary office environment

This place is special as a reflection of the new working world: SteamWork, as an office environment, is a place that allows for self-determined work and has an effect beyond working life. The office of the future must be modular & hybrid, offer space for concentration & retreat, but also space for teamwork & exchange. The right environment is available for every type of work mode. And yes, this coworking space is more than just a place where people work under one roof. SteamWork is also an environment to live and feel good. This coworking concept does not solely focus on work, but on people and their environment.



Hybrid office world reflects the trend in the working world: The office of the future is a space for self-determined, meaningful work & life - and it's fun!



The office of the future strengthens exchange and makes corporate culture tangible. Teams come together in a wide range of spaces. Walls shape project zones and retreats for hybrid working. And good acoustics increase well-being and productivity.

Be inspired by further feco projects. Impressions can be found on our website.





# Economy

Efficiency, economy, future orientation

feco system walls can be implemented and recombined without material loss.







The floor-guided glass sliding door acts as a sound screen.

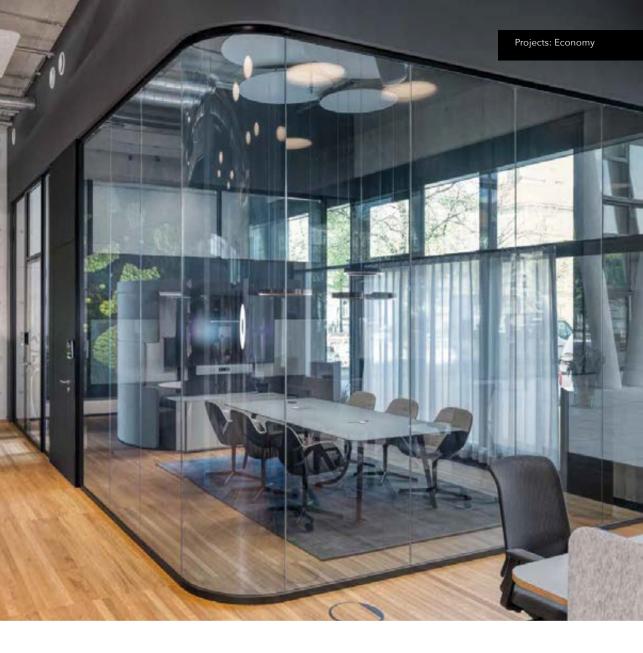


With the SchauWerkRaum, feco partner S+W demonstrates its capabilities in designing future-proof office work environments.



The SchauWerkRaum, developed by the in-house planning team, was selected by a jury of independent experts as one of the TOP 50 Best Workspaces 2022 . The activity-based, open workspace offers team-oriented workstations that are not individually assigned.

On the ground floor, the fecoplan all-glass construction with rounded walls and a height of 3.50 m was used. The sound insulation test value of the upright-less all-glass wall with 16-mm VSG-SI is  $R_{wP}$  = 42 dB. For the frameless, flush fecostruct glazing and as part of the structural-glazing process, a slim 20-mm all-round bonded black edge seal was used to match the jet-black profiles. An oak real-wood surface in the inter-pane space gives the fecostruct glass wall of the kitchenette its special character. The floor-guided glass sliding door acts as a sound screen. The first floor features another feco partition wall system innovation, the fecodoor system frame 50/35 T70 wood, clad with oak.



With feco system walls, retreats for concentrated working, rooms for creativity as well as conference and meeting rooms were created.



More information on the project





The vision and technology that the young aviation company is using to build the world's first sustainable urban air mobility business is attractive to many potential workers. Yet how does the company cope with the rapid growth in the number of employees, the increasingly global orientation and the parallel changes in the way we work?

The solution is a workstation with the desk-sharing principle: The company's employees do not have a fixed desk. Instead, they reserve a place when they need it through an online booking system. The flexible office work organizational method is designed for rapid growth - and responds to the new forms of work of working from home and remote working.



Volocopter GmbH, Bruchsal

Planning:

feco

**Brands:** Steelcase

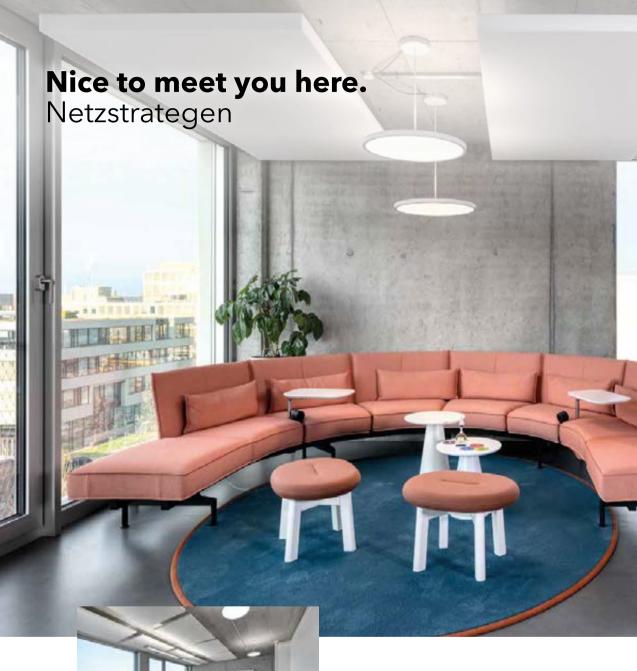
More information on the project



At Volocopter, a working area has emerged that is flexible and at the same time creates identity. The best-possible conditions for sustainable growth.







The network strategists Netzstrategen offer strategy consulting for the digital world. They are pleased to have a flexible work and meeting domain with a well thought-out color, lighting and acoustics concept despite soundreflecting. The lounge welcomes guests with a comfortable circle of cushioned seating. Ideal for getting to know each other and for informal exchange. From here, one can access the rear area with fixed and flexible workstations. The Open Space is zoned using a



Netzstrategen GmbH, Karlsruhe

# Planning:

feco

#### **Brands:**

Steelcase, Vitra, Waldmann, Brunner, COR, Muuto, Lapalma, Creation Baumann, Object Carpet, Limes, Hodapp Möbelwerkstätten

modular storage system that integrates lockers, coat racks, a printer station and touchdown standing workstations, all in a uniform look.

More information on the project

The finely-balanced podcast broadcasting studio and three workshop rooms branch off from the corridors: sometimes quite classically in conference style, sometimes unusually as a high-work room and with plenty of space in the seminar room including a seating platform for an extended auditorium.

The fifth floor in the Manufacturing and Expansion Center (FUX) Karlsruhe is inspiring and so multifaceted that, depending on the occasion, it also works well as a party location.

# Concrete and glass in perfection. Weisenburger Bau corporate headquarters





More information on the project





Managing Director Nicolai Weisenburger successfully persuaded star architect Tadao Ando to plan the new corporate headquarters in Karlsruhe. When it came to planning and designing the office environment, feco was able to deploy its entire office furniture and feco system partition wall range in the creation of an agile, sustainable working landscape.

With the fecoplan all-glass construction it is possible to separate areas for concentrated work, co-creation, meeting and communication from the open office landscape and at the same time to show the high-quality exposed concrete ceilings throughout. For this purpose, the intermediate office walls are also designed as top-glazing walls without vertical upright profiles and with non-bearing wall





Occupant:

Weisenburger Bau GmbH, Karlsruhe

## Planning:

Tadao Andō, Archis Architekten

#### System walls:

fecoplan, fecodoor glass, fecodoor wood, fecodoor air, fecowall, fecofix

#### Brands:

Brunner, Ophelis, Vitra



The result is a

building without

structure, which is

designed with the horizontal formwork and visible formwork anchor holes typical of Tadao Ando.

dimensional tolerances in the supporting

> panels. The panels are covered with magnetic laminate to enable construction plans to be hung up on them.

> Vitra Alcove sofas allow for spontaneous exchange in the open office landscape without disturbing colleagues in the team area. With its new corporate headquarters, Weisenburger has realized an architectural work of international standard. The Weisenburger Group showcases itself an attractive employer for the highly sought-after talents in the construction industry.





Michelin chose Germany's largest office building, "The Square", for its Northern European headquarters. Directly at Frankfurt Airport, the building with its optimal connection to ICE, highway and airport creates outstanding conditions for the interaction of customers, partners and employees.

On an area covering 6.000 sqm, Michelin employees have access to team spaces with sitting/standing desks, retreat and creative areas, lounges/bistro, all aimed at engendering good cooperation. The innovative office infrastructure in the New Work City with products from Brunner, Sedus, Lapalma & other makes the global leader an attractive employer.



Short distances ensure personal interaction between the departments.

Michelin Reifenwerke, Frankfurt

## Planning:

Fluidlab Architektur Design

## Brands:

Brunner, Sedus, Lapalma, Werner Works



With a workplace in "The Square" at Frankfurt Airport, directly above the long-distance train station, any employee will enjoy the benefits of the New Work City.





# Wide Range of space, for a new working atmosphere. Scope Architekten

Scope's architects and interior designers implement, design and advise renowned clients on corporate architecture in an open, communicative and agile office environment. The open space areas and three meeting rooms promote creative exchange. The heart of the offices is the material library. Retreat rooms, touchdown workstations and an open kitchen round off the concept.

For the glass walls and glass doors of the conference rooms and think tanks the perfectionists opted for the fecoplan all-glass construction and fecodoor G10 all-glass doors. Not only the aluminium profiles of the allglass construction and the door frames are black powder-coated, but also the Schall-Ex floor seals, the door hinges, glass door locks and FSB lever handles. The expressive glass bonding and the design of the walls give the feco glass wall elements a very special character. With the wide range of rooms, Scope has created a new working atmosphere. The implementation of which underlines the company's own high design standard. The composition of different surfaces, materials and colors expresses the passion and diversity of the planners and designers.



Occupant:

SCOPE Architekten GmbH, Stuttgart

Planning:

SCOPE Architekten

System walls:

fecoplan, fecodoor glass

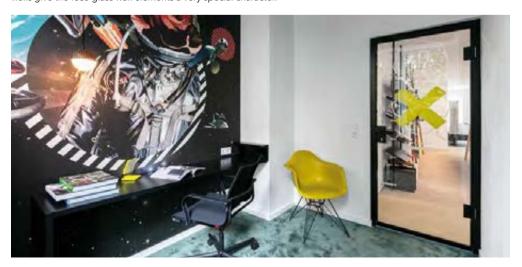
A diverse working landscape covering 530 m² across two floors



More information on the project



The expressive glass bonding and the design of the walls give the feco glass wall elements a very special character.







feco has created spaces for the Piston Group, which in addition to the Piston's Edeka stores also includes Göpi GmbH with two organic food stores and the Zoo & Co Baden Group with twelve pet stores and a total of over 400 employees.







With the new "Pistons Centro", the Piston Group has invested in a sustainable future in the Winterrot industrial estate in Karlsruhe's Palmbach district. The photovoltaic system, charging stations for e-bikes and e-cars for employees, the use of process heat and state-of-the-art cooling technology in the production area all contribute to this.

Together with the Piston management and under participation of the employees and

architects, feco developed an interior workspace concept for the administration floor. The office landscape is ideally suited to work processes within the company, and in its spatial effect alternates between openness and withdrawal. With the feco partition wall system, a play between transparency, interruption and optimal acoustics has been created. By positioning glass sound screens in combination with sound-absorbing fecophon absorbers, doors have been deliberately



Piston Holding GmbH, Palmbach

#### Planning:

feco, Feltentalbotarchitekten, Wenz + Adam

#### System walls:

fecoplan, fecodoor glass, fecophon fabric

#### **Brands:**

Brunner, Lapalma, Muuto, Ongo, Ophelis, Vitra

The result is a work environment with a feel-good character that reflects the value orientation of the family business.

dispensed with in the interest of openness and transparency. A writable white board area supports agile working methods. Thanks to the fecoplan all-glass construction, the view of the nearby Black Forest is visible right into the access area and is reflected there in the color concept as well as in the interior design.

The concept paid special attention to the selection of natural colors and sustainable materials. Fabric-covered fecophon acoustic elements are designed in cheerful yellow, and the rooms are decorated with acousticallyeffective moss pictures. Spaces for focused work, teamwork and developing ideas together are available, as are workplaces for discussions with colleagues, customers, suppliers and service providers. A Work-Café offers space for conversations, taking a break and gathering new energy.

# New spaces. New possibilities. ĪWI IT



Carefully coordinated interior design for agile and successful collaboration in a modern working world.



With agile office furniture, the feco team realized zones for co-working in a wide variety of constellations, screened retreat areas for concentrated work, and functional work islands for docking and quickly getting started. The Work-Café invites to enjoy creative breaks, socialize, hold casual meetings and engage in client discussions in a homely atmosphere. A green moss path in the carpeting marks out the work area in which productivity and concentration are the focus.

This area is dominated by ergonomic, heightadjustable work islands in fresh colors.

Spontaneous meetings and short, informative breaks take place at the large high table as well as at the lounge spot. To counterbalance the open space, comfortably upholstered meeting booths with high panels and acoustically-sealed Phoneboxes provide protected refuges for intensive individual work and teamwork.



HWI IT, Malterdingen

Planning:

feco

## Brands:

Assmann, Brunner, Muuto, Vitra, Werner Works, Chat Board

Daylight falls through the building's sawtooth roof. The modern, industrial charm is underlined by walls with a brick finish and a carpet with a cobblestone pattern.



More information on the project

An inspiring interplay between industrial focus and naturalness

REI





Demeter e. V., Berlin

## Planning:

Hütten & Paläste Schönert Grau Architekten, feco



The work environment responds to external developments and needs of the people who live in and around it.



The new Demeter location in Berlin is an example of an adaptable, diverse work environment. On a small scale and on a large scale. On a large scale, because the newly built office complex fits into its neighborhood. On the contrary: It fits into the district in terms of content and design, where work, creativity and social life merge. And on a small scale, because wisely divided up room zones and easily changeable room constellations turn a limited office space into a multifunctional, value-reflecting office.









More information on the project







In the new heo Campus, dazzling pop culture meets a modern working world, and not only in the figurative sense: The plain office landscape is repeatedly interspersed with varied splashes of color and playful shapes and patterns. Top priority – an ergonomic working environment. Each workplace therefore includes a height-adjustable desk as standard.

In the immediate vicinity of the teamwork zones, think-tanks of different sizes

also offer space for concentrated work and meetings, whether spontaneous or planned. For even more flexibility and creative teamwork, agile workshop rooms with multifunctional furniture and work utensils on castors are also available.

At employees' desks, colorful toy figures from the heo product range as well as personal items ensure a feel-good factor. Stowed in practical felt baskets, these can be stored at the workplace.

Heo GmbH, Herxheim

# Planning:

Speeter Group, feco

## Brands:

Brunner, Lapalma, Muuto, Nimbus, Ophelis, Sedus, Thonet, Vitra, Waldmann, Werner Works

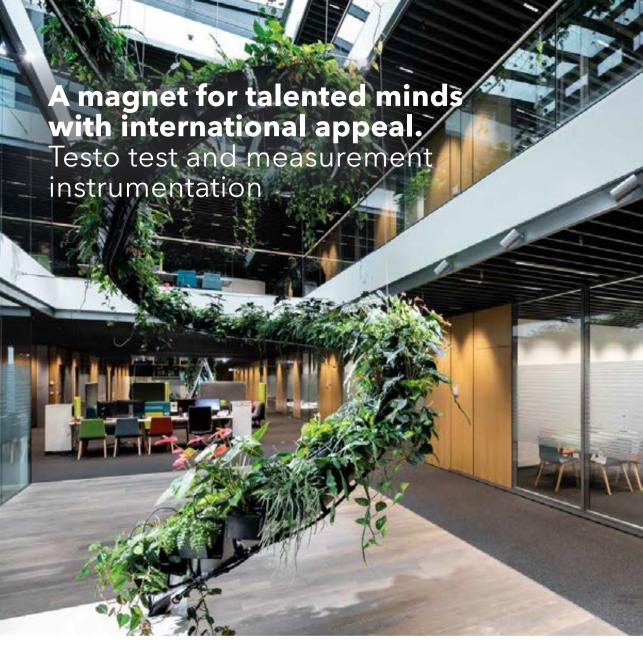






The Heo Campus counter-pole to
the dynamic,
emotional and
fast-paced industry
as a development
space for the future
of the company.





As a company that is active in HVAC and environmental technology, Testo feels committed to sustainability. The building therefore has natural ventilation, a concrete core temperature-controlled ceiling and night cooling, and uses process heat.

The feco system partition walls to the corridor are therefore equipped with specially-developed fecoair overflow elements that allow air exchange while providing good sound

insulation. Wall-flush fecofix glass elements create transparency. This means that an external reference to the landscape can also be experienced in the combination zones and team areas. The oak veneered doors with sound insulation test values of  $R_{wP}$  = 37 dB and 42 dB provide excellent sound insulation with an identical appearance on the corridor side. The doors are face-flush on the corridor side and have a concealed frame on the corridor side. The result is an attractive and agile working environment.



With completion of the second building section, the market leader in the field of measurement technology will have more space available.



More information on the project

After the 1st construction phase already was awarded the Hugo-Häring Architecture

Award in 2017, ...





Occupant:

Testo SE & Co. KgaA, Titisee-Neustadt

#### Planning:

Sacker Architekten

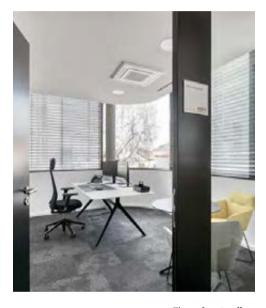
# System walls:

fecodoor wood, fecowall, fecoair

#### Award:

Hugo-Häring-Prize German Design Award

# **Ideal basis** for further growth. Hoch Baumaschinen

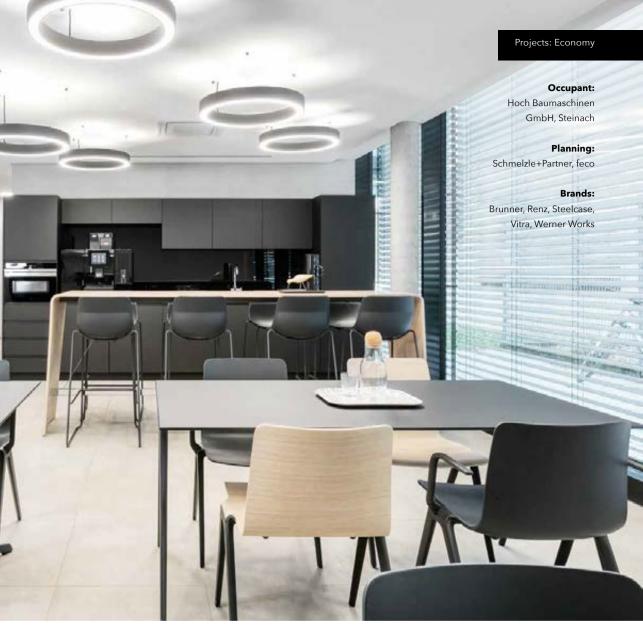


The cafeteria offers an informal exchange and meeting point



In order to create new space for its logistics and administration departments, a new building was built at its Steinach site in the Black Forest. Furniture was to be chosen to match the industrial architecture of the building: puristic and functional.

On the inside and outside, cool, smooth surfaces made of concrete, glass and steel dominate. To compensate for this, we chose a color concept with muted and earthy tones. Contrasting with the latter are individual touches in the characteristic Hoch yellow and haptic counterpoints made of natural materials. Bright curtains in front of the glass partition walls in the management offices and the meeting room further underline the homely character. And in the cafeteria, wooden surfaces and a padded bench enhance the feelgood factor. Despite its high-contrast design, Hoch's new building thus manages to convey a harmonious overall appearance. The key lies in furniture that has been adapted to the needs of both users and the architecture.





Felt panels with magnetic cork strips not only make the workplaces more homely, but also offer employees freedom to individually design their work areas.



More information on the project



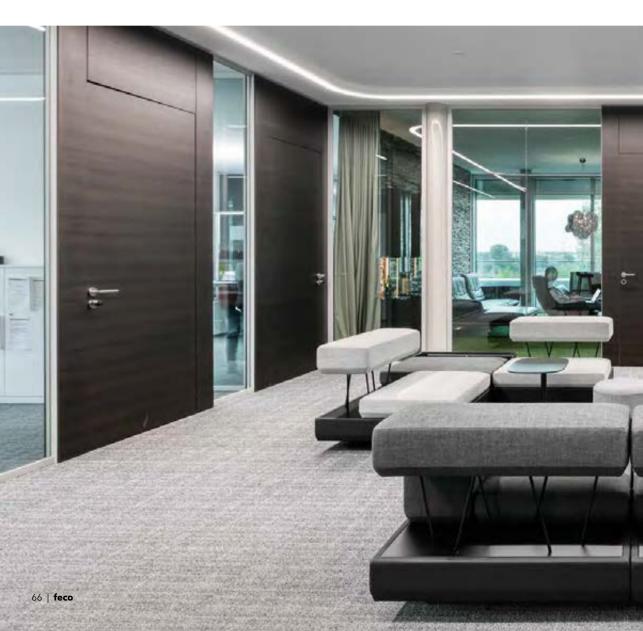


With two offset cubes, the FC Group redefines the city entrance at the Karlsruhenorth highway exit with expressive architecture.

The transparency and lightness are continued in the buildings with feco system walls. An agile working environment was created with the fecoplan all-glass construction. The two-sidedfecodoor H105 face-flush wooden door elements with R $_{\rm w,p}$  = 42 dB are horizontally clad with smoked oak veneer of exceptional pattern-flow. On the 1st floor, a meeting room with curved glazing offers discretion without

disturbing the transparency important for the FC Group's external image.

Asahigh-performance contract furnishing partner, feco was also involved in the room and furnishing concept at an early stage. feco provided the furnishings with products from the Rheinau-based office-furniture manufacturer Brunner. With oak-veneered bar tables and stools from the Brunner Hoc series, the kitchenettes offer communicative inspiration areas.



The FC Group presents itself in a highly-frequented position as engine of progress. In the buildings, feco system walls complement the high quality that the campus radiates.



# Occupant:

FC-Verwaltung GmbH

# Planning:

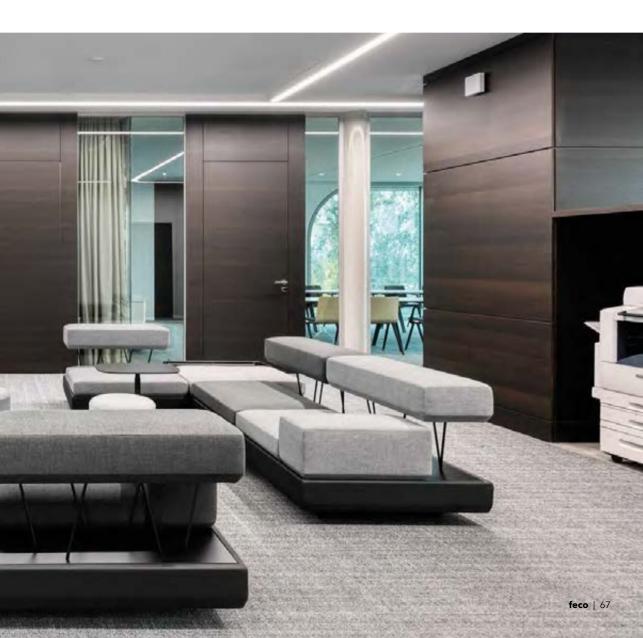
FC-Group, feco

# System walls:

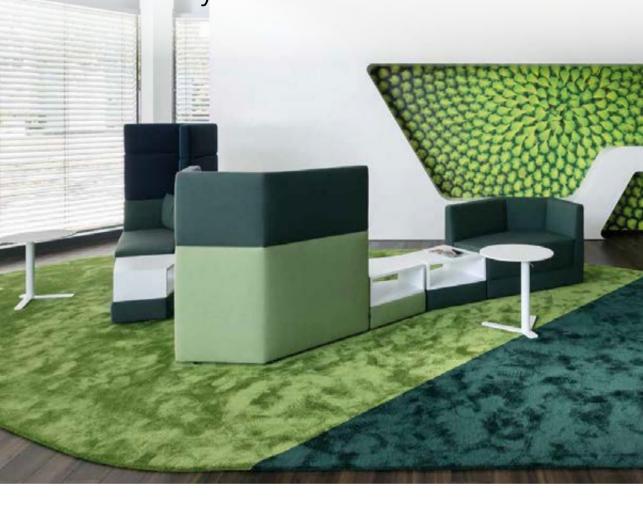
fecoplan, fecodoor wood, fecodoor glass

## Brands:

Brunner



# Walk-in journey into the future. Bechtle IT system house



In the Future Lab of the Bechtle IT System House, interested companies can find out what work will be like in the future. There they can experience live what potential might exist for optimal cooperation and communication within their companies and across company boundaries. The focus is on seeing how this can be implemented in practice in individual working environments. The system partnership between Steelcase and Microsoft has grown into a partnership between feco-feederle and Bechtle in which clients not only get to know the software but can also

experience the appropriate spatial implementation.

The futuristic interior design and the organically-flowing design language of the wall coverings mean that the Bechtle brand can be experienced three-dimensionally. The visitor becomes a guest and feels welcome in this landscape of ideas. With the Ophelis "docks" high benches one can quickly get into conversations at the meeting islands. An integrated plant bowl showcases the greenery effectively in the room.



Bechtle AG, Karlsruhe

Planning:

feco

## Brands:

Ophelis, Steelcase, Vitra, COR, Ongo

The world of work is changing, and so is IT within medium-sized companies. Visitors fears of "new work" and "cloud computing" are already allayed in the entrance area of the training center.



Visitors are inspired by the modular workstations with flexible seating furniture. Depending on the space and function, seating groups, thinker cells and room-in-room solutions can be supplemented or regrouped.





At the corporate headquarters of the dm drugstore, exchange and dialog between colleagues, business partners, customers and dm stores takes place in an open atmosphere. The three- to four floor non-hierarchical building structure is organized around eight inner courtyards in the green space.



The secretaries' offices were transparently separated from the corridor with the fecoplan all-glass construction with 12 mm tempered glass and a sound-insulation test value of  $R_{wP}$  = 37 dB. The doors are all-glass fecodoor G10 doors with a fecoplan top glazing. One room is closed off with a fecowall white solid wall directly coated with a melamine resin and a corridor-side flush fecodoor H70 wooden door with a corridor-side concealed door frame. The door leaf, door side panels and top panel are clad with visually-striking Canadian maple veneer. Maple veneer, also used as a design element elsewhere in the building, is consequently also incorporated into the system partitions walls.



dm Drogerie-Markt, Karlsruhe

# Planning:

LRO Lederer Ragnarsdóttir Oei Architekten

# System walls:

fecoplan, fecodoor wood, fecodoor glass, fecowall

#### Award:

Hugo Häring-Landespreis 2021



With a wall height of 3.85 m, the glass door was designed ceiling high with integrated top glazing and cross-upright.

A bright, natural office landscape where people are the focus.













Swiss feco partner WSA has advised and realized a biophilic, sustainable office world on approx. 4,500 m<sup>2</sup> for the close to 600 employees at Microsoft's Switzerland headquarters.

The large conference rooms are glazed with flush-fitting fecofix double-glazing with all-round 20-mm slim frame profiles and curtains. Focus Rooms are designed with a fecoplan all-glass construction for maximum transparency. fecodoor A40 aluminium-frame doors offer with  $R_{\text{w,P}}$  = 37 dB good sound insulation against the open team workplaces.

The profiles, frames and aluminium frame doors are powder-coated in RAL 7039 quartz gray. Frame-integrated technical door side panels allow light switches and sockets to be accommodated. Part of the spatial program is also the separately designed Microsoft Technology Center (MTC). Here, the frameless flush fecostruct glazing ensures maximum sound insulation. The silver-grey edge bonding in the structural glazing process is 20-mm thin on four sides. The fecostruct profiles are powder-coated in RAL 9006 white aluminium. Matching the fecostruct glazing,



Microsoft Schweiz GmbH, Zurich

#### Planning:

JOP Architekten/Glaeser Projekt, feco-Partner WSA Office Project

# System walls:

fecoplan, fecofix, fecostruct, fecodoor glass

The spatial program includes work and collaboration spaces, meeting rooms, catering areas and multimedia centers.





The profiles of the technical door side panels are doubled for the installation of digital room signs.

access to the rooms is provided by fecodoor S70 single- and double-leaf structural glazing doors.

The resulting office world takes into account the international Microsoft guidelines for open team-oriented working environments. At the same time, typical local materials, surfaces and textures create a regional reference that is unmistakable and identity-forming. The site offers talented employees a home in a globally active group.

# Rapid response to changes in team sizes.

# Harman Becker Automotive Systems



The classically modern office and commercial building was planned with a special focus on sustainability, energy efficiencv and optimized operating costs. Together with Harman Becker, the feco team developed a spatial concept in which cooperation and rapid exchange are encouraged, but where project spaces and retreat spaces for concentrated cooperation or individual work are also possible.

Harman Becker has equipped all of the approx. 500 workstations with ergonomic sitting/standing desks. The workplace/room structure enables rapid response to changes in team sizes. On the ground floor there is a spacious reception area and the Work Café, where employees and guests can meet in a pleasant atmosphere. The Work Café also serves as a recreational area, and can be used by employees for breaks, concentrated work, communication, encounters and exchange.

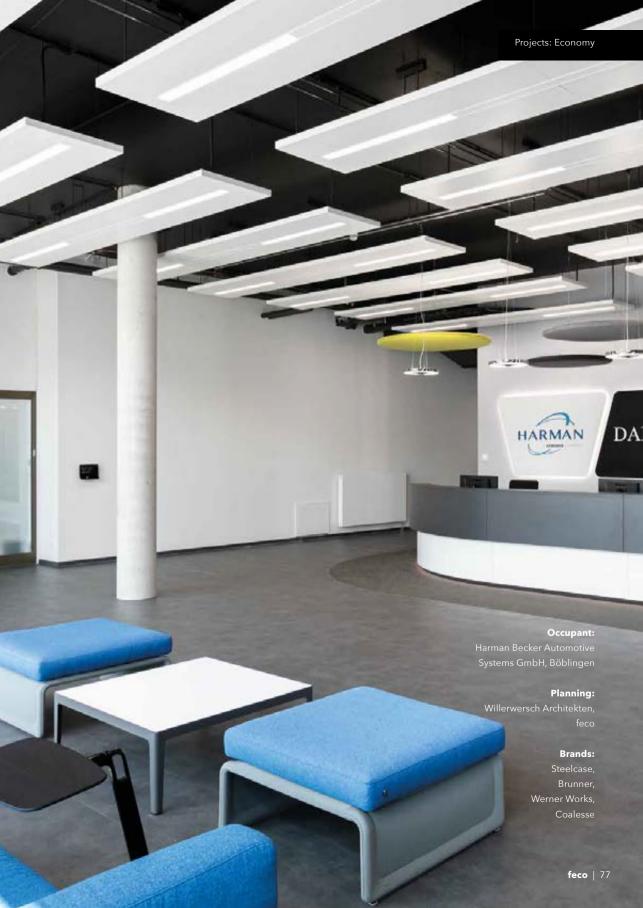








The building is located on the Böblingen/ Sindelfingen Airfield. The quarters are one of the largest urban development projects in southern Germany.



# The future of electromobility. **AVL SET**



The new building in Wangen with various building sections for offices, laboratories, warehouse, assembly area and production enables team-oriented working. feco has created a transparent working environment with the fecoplan all-glass construction with 16-mm VSG and a sound insulation test value of  $R_{\rm wP}$  =40 or 42 dB. In meeting rooms and executive offices, fecostruct structural glazing, with  $R_{w.P}$  = 47 dB, meets even higher sound insulation requirements.

The fecodoor H40 wooden door elements with room-high frames and frame-integrated door leaf top panels are clad in graphite-black HPL. The profiles and frames of the glass walls are powder-coated in matching RAL 7016 anthracite. Project and creative spaces support innovative and agile working methods with pinnable felt panels integrated into the fecowall solid wall and writable, magnetic whiteboard surfaces. Open space zones promote a communicative corporate culture.













The new office complex is within easy walking distance for Disy from its first location. On the basis of constructive cooperation, an open, communicative working environment has been created. The areas are designed in line with Disy's software applications and cover the areas of air, land, water, energy and urban.

Disy's heart is the restaurant acting as a meeting point for all employees with a roof terrace and a view of the foothills of the Black Forest. On the top floor, the co-working area offers temporary workplaces. Two large, representative meeting rooms divide the space. Wall-integrated whiteboard surfaces and largeformat screens support agile working methods and online conferences.

At the second location, the Disy DNA is also evident as a physically tangible space. Disy presents itself as an attractive employer for talents from the IT industry, because exceptional performance is the result of thinking in a transparent environment.





From workplace to feel-good place -Disy brings corporate culture to life with office design.



Particularly for employees who regularly switch between home office and working in the Company, the office also serves as an identity-forming element and provides a home.

# Occupant:

Disy Informationssysteme GmbH

#### Planning:

feco. Archis Architekten

#### System walls:

fecoplan, fecodoor wood, fecodoor glass, fecowall, fecophon fabric, fecofix

#### Award:

Best Workspaces 2023

#### Brands:

Steelcase, Vitra, Brunner, Fritz Hansen, Muuto, Thonet, Walter Knoll, Sedus, Montana, Normann Copenhagen, GRAU, Lapalma



As feco had already created an identity-forming interior design at the first location, the feco team was involved in the conceptual design at an early stage.



Nussbaum Medien, Ettlingen

#### Planning:

Architekturbüro Jörg Mössner, feco

#### Brands:

Vitra, Werner Works, Brunner, Ophelis, Montana, Waldmann



For Nussbaum Medien's new site in Ettlingen, we developed a spatial concept together with the users. Standing/sitting desks and ergonomic office swivel chairs from Vitra get users moving during their everyday work. Retreat zones are provided for spontaneous meetings and discussions.

The design of the common area with its kitchenette and lounge is particularly inviting. This room-in-room solution was designed as micro-architecture with a lamella structure. The area is rounded off with a multifunctional room for meetings, training and agile work.



The integration of a desk sharing concept and clean desk policy ensure maximum area flexibility.



With its appealing color schemes, the new furniture creates a pleasant and stimulating working atmosphere.



More information on the project





# **Occupant:** AG, Bretten

Seeburger AG, Bretten

#### Planning:

feco. Archis Architekten.

#### **Brands:**

Artek, Brunner, COR, Chat Board, Lapalma, Muuto, Ongo, Ophelis, Vitra





Each floor has been given its own color concept, which supports creative thinking and work and yet fits in harmoniously with the overall design of the building.

Seeburger AG sees its sense of belonging as the core of its corporate culture. But the dispersal of on-site employees to rented alternative spaces and the shift to working from home has put this sense of belonging to the test. The task of its redesigned headquarters was therefore also to create a meeting place to which everyone could return and work well together.

The company's corporate values played a central role in the new area zoning. In areas specially designed for spontaneous encounters, collaboration, retreat and agile project work, both teams and individual workers find the right environment for their respective tasks. The conventional meeting rooms have also been converted into multifunctional meeting rooms with moveable furniture.







The combination of team and individual workstations allows for creative work and exchange.



With its individual design, the new Tacton office concept transforms a working landscape into a feel-good home on two levels.





Tacton Systems GmbH Karlsruhe

#### Planning:

feco

#### Brands:

Brunner, COR, Lapalma, Montana, Ophelis, Steelcase, Thonet, Vitra



At its IT site in Karlsruhe, a German team develops CPQ applications. By moving into a new building, the company's intention was to create the basis for a new working environment that would meet the needs of the employees. The new offices were therefore almost completely gutted and renovated.

In order to take all requirements into account during the redesign, we first of all determined the team's wishes in a workshop. The objective was to develop a holistic concept that included several meeting rooms and the possibility of holding video conferences from anywhere in the future. The implementation

framework was provided by the CI color palette defined by Tacton's Stockholm head office. Our interior design concept was implemented in detail, and encompassed everything from the design of the floor and walls through to the choice of materials. Even colormatching die-cast aluminium luminaires were coated in cooperation with the Karlsruhe-based designer Mirjam Hüttner.

In a time of change, flexible office concepts are indispensable. With generous design options and transparent structures that bring people together. Rooms become open spaces, offices become landscapes. Motivating for employees. Fascinating for visitors.

Be inspired by further feco projects. Impressions can be found on our website.



# Banks, insurance companies

#### Discretion and communication

feco system walls create opportunities for retreat and at the same time offer space for discussions.









Together with our fecopartner S+W Büro-RaumKultur, the Munich-based architectural office Drexler has developed a sustainable working world that promotes communication and meets representative demands. Flush fecostruct glass walls with black powdercoated profiles and black bonding convey transparency and create an attractive daylight and exterior reference in the middle zone.

The good sound insulation of the 105mm-thick structural double-glazing ensures privacy. The flush, highly sound-absorbing fecodoor S105 glass doors with a sound insulation test value of  $R_{w,P}$  = 42 dB on both sides in particular, with their opaque, black glass printing on the back and concealed door frames, determine the high-quality appearance of the system partition walls. The cleverlyplaced central zone with a meeting room and a kitchenette as an informal meeting place is situated as a filter between the conference room access area and the offices.

In combination with valuable furniture, an exclusive ambience is created.



# Occupant:

General Atlantic, Munich

# Planning:

Drexler Architekten, feco-Partner S+W BüroRaumKultur

# System walls:

fecostruct, fecodoor glass, fecowall

More information on the project



The fecostruct glazing ensures attractive illumination of the customer corridor and exciting views in and out.







The merger of two financial institutions initiated the construction of the new VR Bank Ostalb in the center of Aalen. Two buildings, which form a square as a fitting entrance, are connected by a four-story glass hall. The fecoplan all-glass construction as fall-arresting glazing enables exciting visual relationships and, with a sound insulation test value of  $R_{w,P}$  = 42 dB, also a high degree of confidentiality.

The other consulting rooms and offices are equipped with fecofix flush-walled double glazing with  $R_{\rm w,P}$  = 47 dB and all-round 20-mm-thin frame profiles. Double-sided flush H105 wooden door elements with concealed corridor-side frames achieve a sound insulation test value of  $R_{\rm w,P}$  =42 dB. Matching the subtle color concept, the wooden doors are granite black and the aluminium profiles white powder-coated.



Brightness and clear shapes radiate an open atmosphere, which is experienced as friendly by both customers and employees.









With this investment, the IT service provider positions itself as an attractive employer in the competition for competent employees and also strengthens the IT location Karlsruhe.

The objective of the Atruvia "Campus East" was to bring together scattered service units and realize state-of-the-art workplace requirements for 1,000 employees. For this, five new buildings have been constructed, which are connected by an "Innovation Lounge". The Future Work concept takes the needs of the employees into account: spontaneous communication, project work and crossfunctional teamwork.

The transparency of the fecofix double glazing can be controlled with electrically-operated blinds. The flush fecodoor H85 wooden door elements on the corridor side achieve a sound insulation test value of  $R_{\rm wp}$  = 42 dB.

Wall-integrated fecoair overflow elements enable air exchange with high sound insulation at the same time. The team areas are also divided and acoustically separated by installed communication rooms.

The closed wall surfaces can be written on and are designed to be pinnable with magnetic or felt surfaces. The writable system walls thereby become a tool for agile methods such as Design Thinking, Scrum or Kanban. The colorful design with large-format picture motifs on the walls and thematicallymatching furniture creates identification and orientation points.







Under the corporate slogan "Better Banking", a user- and activity-centred spatial concept was developed in joint workshops. The objective was to create ideal working conditions for the bank of today and tomorrow. The result is an ambiguous work land-scape that is simultaneously characterised by openness and breaks. While some of the workplaces are permanently occupied, others are used alternately according to the desk-sharing principle.

Just as important as the individual workplaces grouped into work islands are the separate areas for concentration, meeting, communication, inspiration and community. In the heart of the modern Work Space, a gym-like multifunctional work area inspires agile and creative work. Cozy lounge areas and a spacious office kitchen with numerous seating options are also ideal for informal conversations and chance encounters.





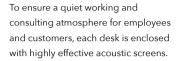
BBBank eG, Karlsruhe

# Planning:

Building design by Sacker Architekten, Zoning planning by BBBank, Interior design by feco

#### **Brands:**

Brunner, COR, Lapalma, Ophelis, Waldmann, Vitra, Steelcase







More information on the project



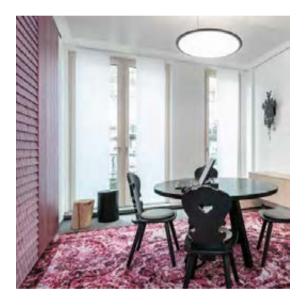






More information on the project







When developing the furnishing concepts for the various communication areas, we focused on the colors and materials. From the meeting room to the customer lounge, we were able to exploit the full range of our strong brand partners.

In particular, all visitors were to feel welcome in the consultation rooms. Each of them was given its own theme. In the "Black Forest" room, for example, the red tone of the wooden wall shingles together with a matching carpet, classic-traditional wooden

furniture and a modern cuckoo clock create a rustic cosiness.

The lounge areas are intentionally freely accessible and designed as open intermediate zones. The counterpart to this is the forum on the third floor. Flexible furnishings including glass whiteboards, seminar chairs with desk trays and multifunctional sit-stand tables ensure maximum freedom here: for seminars, as a meeting room or as an arena for agile working.

Sparkasse Bühl

### Planning:

PLANUM Architekten

### Brands:

Brunner, COR, Muuto, Vitra, Walter Knoll, Werner Works







The open and transparent architecture also consciously incorporates the surrounding infrastructure, thereby creating a new connection to the locals and their home region.



More than ever,
we need workspaces
in the future that do
not simply provide us
with areas for desk work
and discussion. The
result can be a hybrid
working environment
with quality of experience
and spending time.

Be inspired by further feco projects. Impressions can be found on our website.

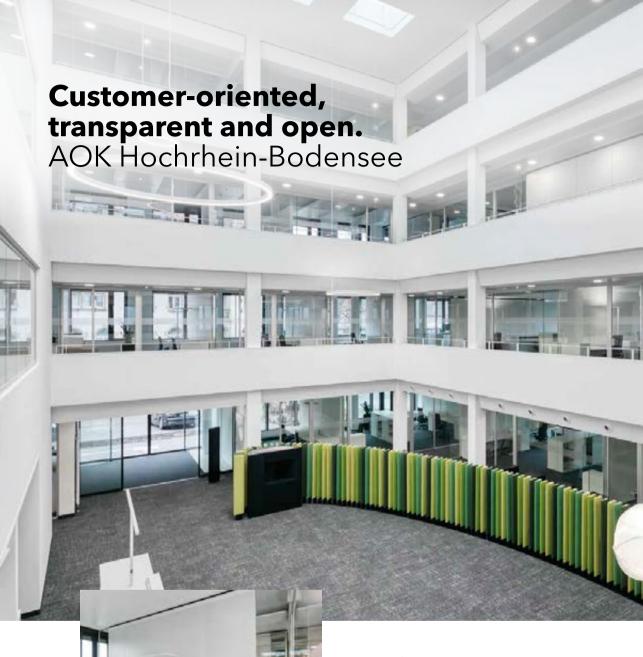




# Public buildings

Interaction, communication, change

feco system walls offer flexibility:
When structures change,
the spaces simply change with them.



As the building is designed with a component-activated concrete ceiling, wall-integrated absorbers help to reduce reverberation periods.

In the new AOK Customer Center, visitors are welcomed in a spacious four-storied hall. All of the floor walls and door leaves are glazed. The upright-free fecoplan all-glass construction with 12-mm toughened safety glass and a sound insulation test value of  $R_{\mbox{\tiny W,P}}$  = 37 dB and room-high fecodoor G10 all-glass door elements with  $R_{\mbox{\tiny W,P}}$  = 32 dB offer maximum transparency.

The office partition walls are fecowall solid walls with fecoplan glass panels to the corridor and facade. Wall-integrated feco-



AOK Hochrhein-Bodensee, Waldshut

### Planning:

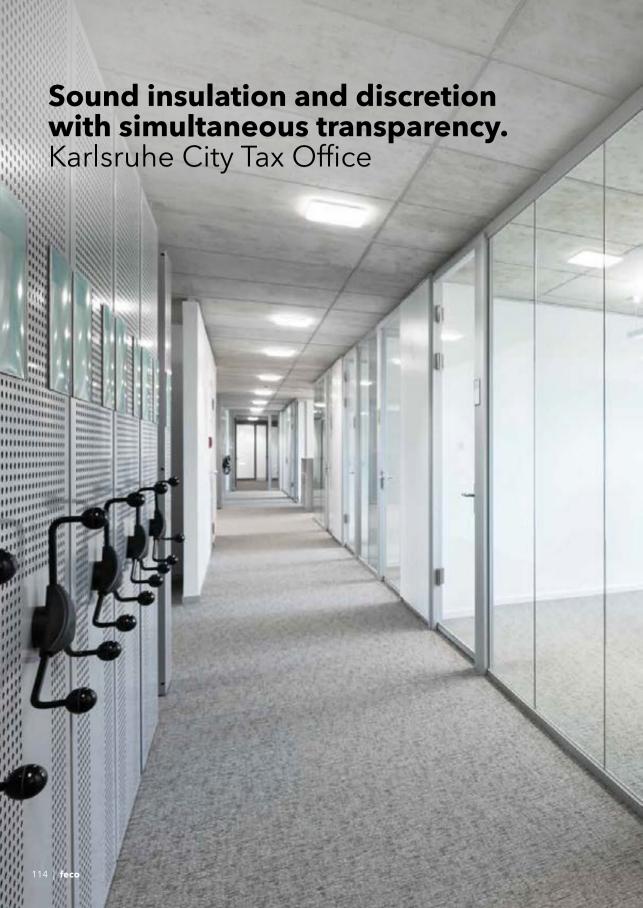
Hölzenbein Architekten

### System walls:

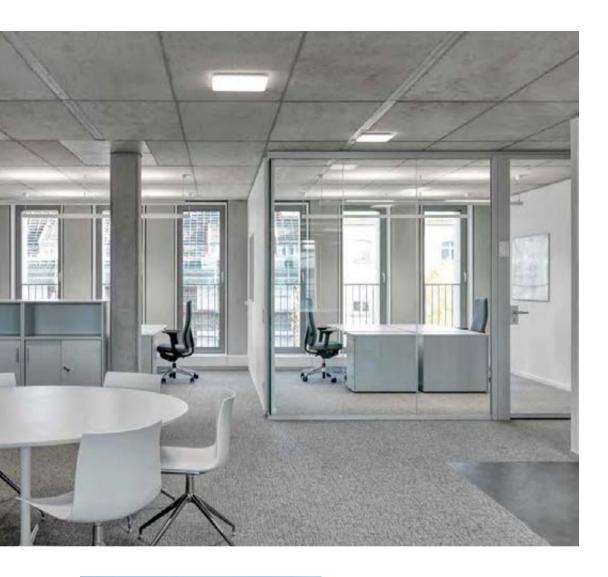
fecoplan, fecophon wood, fecostruct, fecowall, fecopur, fecodoor wood, fecodoor glass

phon wood S14/2 absorbers help to reduce reverberation periods. One partition wall per story is constructed as an F30 solid wall with absorbers and glass panels as fecopur F30 fire-protection glazing. On the long side of the atrium, meeting rooms are arranged on each floor directly facing the hall. Here, the fecoplan all-glass construction is mounted on the solid railing. On level 1, a representative conference room with fecostruct structural glazing and two structural glazing doors offers space even for larger meetings.

On the long side of the atrium, meeting rooms are arranged on each floor directly facing the hall.









Wittfoht Architekten planned a self-contained urban building block and spatial completion of the perimeter block development. The corridors are dynamically structured by alternating glass, plasterboard and veneered wall surfaces. The fecoplan all-glass construction allows daylight to penetra-

te into the central zone. The 16-mm VSG-SI glazing with an insulation test value of  $R_{\rm wP}$  = 42 dB provides sound insulation at maximum. All-glass door elements with frame-integrated technology door side panels meet sound insulation requirements up to  $R_{\rm wP}$  = 32 dB.

The entrance area on the ground floor opens up with a gallery to the first floor, thus presenting the visitor with a spacious reception area. The 3.57 m high walls on the ground floor are glazed with flush fecofix skylights with all-round 20 mm thin aluminium frames. The maple veneer surfaces of the fecodoor wood T30 fire-protection doors were joined together in the company's own factory.

Karlsruhe City Tax Office

### Planning:

Wittfoht Architekten

### System walls:

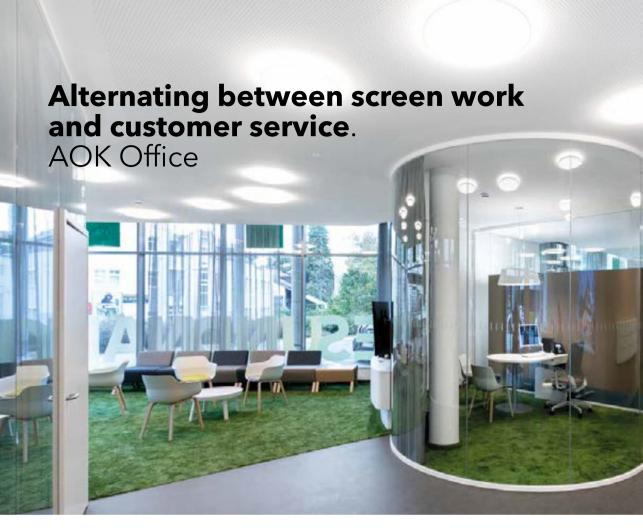
fecoplan, fecodoor wood, fecodoor glass, fecofix



With the feco system walls, space offerings were created that meet the high user requirements.

Veneered wood door elements, concealed door frames on the corridor side and solid wall technology panels alternating with the fecoplan all-glass structure divide work areas from combination offices to open office spaces.





The architectural office metzger rennermotz has created optimal consulting rooms with curved feco glass walls which, thanks to excellent sound insulation and acoustics, enable confidential discussions with customers despite wall transparency. The door leaves with top glazing and fecodoor H70 wooden doors are flush with the frame on both sides with frame-integrated technical panels. The white powder-coated frames



and fecoplan profiles appear friendly. The covered absorbers create a homely atmosphere and, unlike perforated surfaces, do not create a moiré effect.

Office work and telephone calls are carried out by the employees in a separate office area that is a communicative team area. Glass fecoplan sound screens and fabric covered fecophon acoustic absorbers together with microperforated cabinet fronts and rear walls ensure good room acoustics. High confidentiality requirements when it comes to customer data mean that a clean desk policy is enforced. In principle, anyone can sit anywhere. This allows for teamwork or learning phases to be easily realized. Employees keep personal items in lockers, and can relax and recover in a separate and attractive break room.



AOK Office, Stuttgart-Vaihingen

### Planning:

Metzger Renner-Motz Architekten

### System walls:

fecoplan, fecodoor wood, fecowall, fecophon fabric, fecoorga

Concentrated work and telephone calls are just as possible here as the rapid exchange of information with colleagues.





More information on the project

Mobile end devices create the necessary freedom of movement when alternating between screen work and customer service.



With the feco partition wall system, future-oriented architects realize contemporary buildings for education with high demands on functionality, transparency and fire protection, sound insulation and acoustics, low maintenance costs and economy.

Be inspired by further feco projects. Impressions can be found on our website.

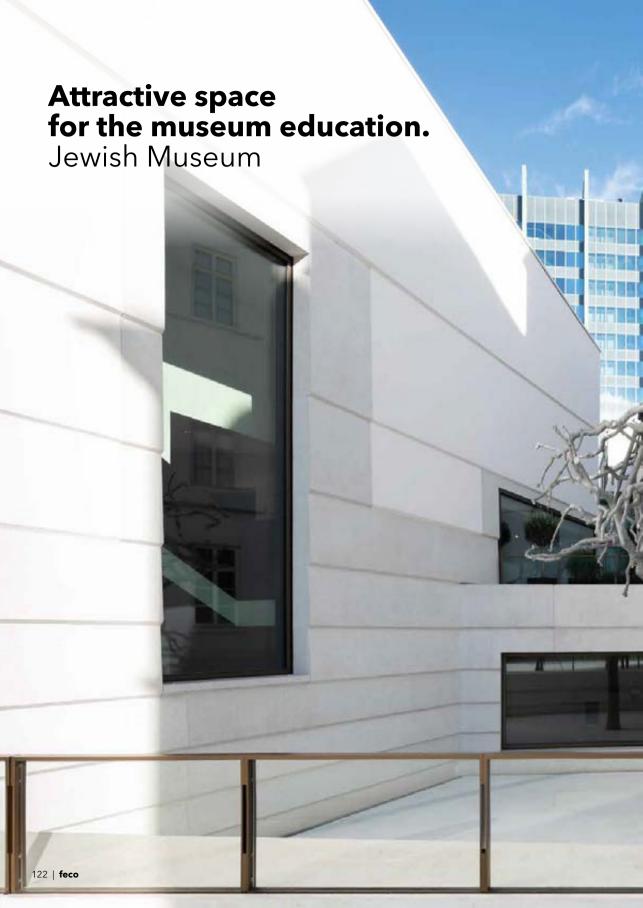




### Education

### Sunlight, security, and a pleasant learning atmosphere

feco system walls provide schools with intelligent daylight management, transparent fire protection and high-quality sound insulation.







The entrance situation is redefined with an extension to the Palais Rothschild. Visitors to the museum arrive via a forecourt that connects it with the city and enter a brightly-lit foyer in the new building. feco system partition walls were chosen for the museum's education area and the children's workshop as well as the additional teachers' rooms.

The fecostruct frameless, flush structuralglazing with top glazing meets the high demands with regard to quality, transparency, sound insulation and acoustics. The highly sound-insulating system partition walls were erected on pre-assembled sleeper timbers to decouple structure-borne noise and thus enable concentrated work in the teachers' rooms in the vicinity of the children's workshop.

A special wall construction with doubled absorbers providing an average sound absorption coefficient of  $\alpha_{\rm w}$  = 0.90 ensures good room acoustics in the almost three-anda-half metre high rooms, which are brightly lit by the daylight that enters through the large top glazings.







The result is an attractive educational space for the communication of Jewish life, history and religion.

Jewish Museum, Frankfurt

### Planning:

Staab Architekten

### System walls:

fecostruct, fecowall, fecophon wood, fecodoor wood

### Award:

BDA Architecture Award Nike 2022





Zero energy is something we all remember suffering from at school. Liebel Architekten have succeeded in planning the specialist class wing suc that the school's energy consumption is no higher than it was before construction of the new building. On the basis of a primary energy balance over the year, at least as much energy is generated locally and regeneratively as is required for the

new building. feco system partition walls with white fir veneer surfaces and top glazings incorporate the fire dampers of the overflow elements and thus ensure a good room climate and daylight penetration into the access areas.

As part of a holistic approach, an "active house" with a hybrid ventilation system has been developed from a so-called push



Schubart-Gymnasium, Aalen

Planning:

Liebel Architekten

System walls:

fecowall, fecopur, fecodoor wood

Awards:

Bundespreis Umwelt & Bauen Klima Positiv, DGNB Bundespreis Ecodesign Green Solutions Award





ventilation system combined with window ventilation during lesson breaks. The air is pre-cooled purely passively in the summer and preheated in the winter via a 35 meter long ground duct. Effective night ventilation, including via the top glazings, ensures good air quality. The building is supplied with heat via a combined heat and power unit in the neighboring building. The regenerative electricity generated by the photovoltaic system on the roof ensures that the goal of a zero-energy building is achieved.

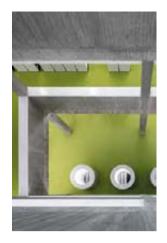


More information on the project









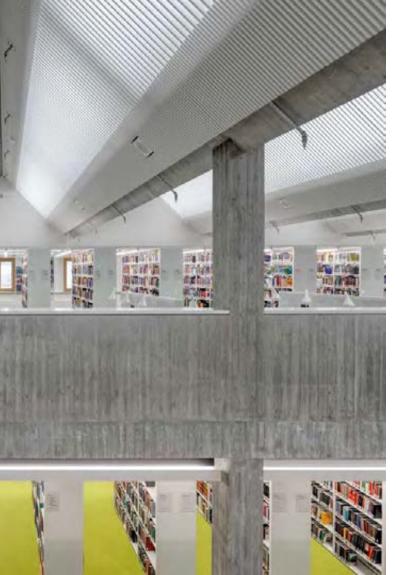
High quality of exposed concrete as a reference to the old building



Already in 2011, the architectural office LRO from Stuttgart won the competition for the extension of the Wuerttemberg State Library.



10



Wuerttemberg State Library, Stuttgart

### Planning:

LRO Lederer Ragnarsdóttir Oei GmbH & Co. KG, Stuttgart

### System walls:

fecostruct, fecowall, fecodoor wood

### Award:

Architekturpreis Beton 2020

fecostruct top-glazing strips convey day light into the corridor zones.



The extension of the Wuerttemberg State Library, located opposite the New Palace, defines a forecourt with the reading room of the old building and the neighboring State Archives. With a formwork of rough-sawn boards, the high quality of the exposed concrete is continued as a reference to the old building. The high design standards of the architects are also met by the top-glazing strips with frameless, flush-fitting fecostruct glazing, which convey daylight. The corridor doors are designed with concealed door frames and flush fecodoor H70 door leaves each on the corridor side with  $R_{wP}$  = 37 dB, and visually identical fecodoor H85 doors on the corridor side with  $R_{w,P}$  = 42 dB.

By mounting the feco system partition walls on pre-assembled sleeper timbers, the system walls are acoustically decoupled. Together with the high sound insulation test value of the fecowall solid wall of  $R_{wP}$  = 52 dB with a wall thickness of just 105 mm, excellent sound insulation of the offices is achieved and the coexistence of communication and concentration made possible.

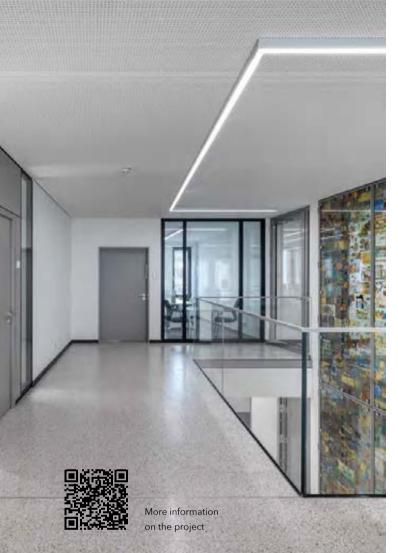
### Simple beauty in a historical environment.

Regens-Wagner Foundations



The carefully coordinated feco glass system walls contribute to a coexistence characterised by openness and transparency.





Regens-Wagner-Stiftungen, Dillingen a. d. Donau

### Planning:

Haindl + Kollegen Architekten

### System walls:

fecofix, fecodoor wood



The result is an attractive, competitive working environment for a living sense of community.

With the new building of the central administration in Dillingen, the cooperation of the employees of the Regens-Wagner Foundations, who were previously spread over different locations, is optimized. For a flexible interior design, the client opted for the feco partition wall system with flush-fitting fecofix double glazing. The office doors with 40 mm wooden door leaves meet the requirements of sound insulation class 2 with a sound insulation test value of  $R_{\rm w,p}$  = 37 dB. The meeting rooms and rooms with higher confidentiality

requirements are equipped with doors of sound insulation class 3,  $R_{\rm wP}$  = 42 dB.

The meeting room in the central zone is glazed with fecofix F30 fire-resistant glazing and accessed via a T30 fire door. The glazing to the management office is electrochromic, which means that the glass panes can be switched from transparent to opaque, allowing for discretion as required. This allows for discretion as required.

Be it for intellectual, pharmaceutical-medical or chemical-biological research, feco's partition-wall system meets the object-specific requirements of future research environments, as it is versatile, transparent, economical, easy to maintain and sustainable.

Be inspired by further feco projects. Impressions can be found on our website.





## Research

### Progress, freedom, concentration

With their transparency and clear lines, feco system walls provide an optimal environment for future developments.



In order to promote exchange, a creative setting was planned for the interdisciplinary development of new innovative solution approaches. With the fecoplan all-glass construction with 16-mm VSG-Si and a sound insulation test value of  $R_{\rm w,P} \!\!=\! 42$  dB, a transparent room structure has been developed that supports exchange and encounter. The fecodoor S70 structural-glazing doors, which are flush with the frame on both sides, are bonded in light gray on black profiles. Together with the black ceiling and the white

acoustic ceiling baffles, a new, exciting design spatial effect is created.

On the ground floor, fecostruct wood stuctural glazing is used to transparently separate the office area from the laboratory workshop with a sound insulation test value of  $R_{\rm w,P}$ = 47 dB. As a structural glazing door flush with the surface on both sides with a door leaf thickness of 105 mm, the fecodoor S105 glass door achieves a sound insulation test value of  $R_{\rm w,P}$  = 42 dB.



Fraunhofer-Institut für Arbeitswirtschaft und Organisation IAO, Stuttgart

### Planning:

Fraunhofer IAO

### System walls:

fecoplan, fecostruct, fecodoor glass, fecophon fabric



The fecostruct glazing is covered with oak real-wood in the inter-pane space to match the veneered solid-wall surfaces of the fecowall solid wall.





fecophon fabric acoustic absorbers were hung in front of the all-glass construction.



More information on the project

### A spatial world for knowledge transfer and the exchange of ideas. Getinge Experience Center





Floating, magnetic glass boards without visible fittings provide a special writing and drawing experience.





In addition to the product exhibition area, the Getinge Experience Center includes training facilities and an office landscape. On the 2nd floor, a spatial world has been created with training rooms of different sizes for individual groups as well as office space for individual and team work, lounges, retreat zones and think tanks. The attractive rooms are available to both employees and clients from around the world as meeting places and for knowledge exchange purposes.

A major challenge was the implementation of the furniture for the auditorium. Ultimately, the result was 50 comfortable seats in rows of benches, some on a platform. The benches were firmly anchored to the floor and equipped with power outlets, so that guests can also charge their mobile devices during an event. A seating landscape has been created with sufficient distance and comfort. Variable height adjustable tables complement the usage.









Getinge Deutschland GmbH, Frankfurt

### Planning:

Fluidlab Architektur Design, feco

### Brands:

Brunner, Chat Board, Lapalma, Sedus



More information on the project



Decades of experience in consulting and planning, in manufacturing and assembly.

Proven competency in handling renowned projects.

For us, tradition is the sum of what we can do for you.

With full dedication.

At highest quality.

Explore our current press portfolio, the brief profiles on the companies and the corner stones of the company history.



### **feco**

# The feco-Group

#### Experience and an awareness of values

form the basis for meeting new challenges. We are convinced that responsible planning and production must be suited for the long term. This principle is the basis of our family business.

## 130 years a family-owned business.40 years feco. The system wall.

#### **Familiarity**

feco is a medium-sized family business in Karlsruhe: Back in 1893. Paul Feederle founded a carpenter's workshop in Oberndorf in the Black Forest, which soon turned into a furniture factory with head office in Karlsruhe. While the 30s and 40s were characterized by individual furniture production, the focus in the 50s was on the production of an add-on furniture program, before the production focus shifted from furniture to object production in the 60s. The production of system walls started in the 70s, which led to the development of our own partition wall system under the feco brand name in 1983. Today, feco is one of the leading manufacturers of space-creating system walls and a renowned furnisher of office spaces with 125 employees under the management of Corona Feederle and Klaus-Michael Feederle. In 1994 and 1997, the siblings joined the Company as the fourth generation and have since successfully managed the feco Group together.

#### Connectedness

The feco Group includes the sister companies feco Systeme GmbH and fecofeederle GmbH with the same shareholders. feco Systeme GmbH develops space-creating partition wall systems made of glass, wood and metal, and distributes system components to licensed partners worldwide. The lightweight, nonstructural interior walls are constructed using in modular, relocatable design. With their clear design style, they significantly influence the effect of a building towards its interior. feco-feederle GmbH designs, plans and realizes working landscapes with feco system walls and office furnishings of renowned brand manufacturers. Be it an office or administration building, research or educational facility the feco team develops suitable furnishing concepts for every project. Together, feco Systeme GmbH and feco-feederle GmbH form an effective unit that designs future-oriented (open) spaces for focused work, encounters and creative processes.





#### First-class

At feco, precise engineering & craftsmanship combine with interior-design ingenuity and accurate planning. When creating completely new workspaces or converting existing ones, the focus is always on the people using them. The basis of concepts are formed by the feco system walls, which we manufacture in our own production facility in Karlsruhe. They are characterized both by their design diversity and by their positive structural-physical properties in terms of sound and fire protection. In combination with the office furnishings this creates differently usable spatial zones with a quality of experience and spending time. This is proven by various awards: The editors of AW Architektur & Wohnen, for example, named feco one of the 50 best office furnishers in Germany. And the jury of German Standards honored feco with the title "Brand of the Century" as the German standard for the product category system walls.

#### Responsible

Conserving resources and sustainability are at the very top of our agenda. We take our contribution to "a future worth living" seriously. As we process large quantities of wood for the feco system walls and doors each year, we attach great importance to the careful handling of this valuable raw material. Depending on the project, we therefore use only wood materials from sustainable forestry throughout the entire manufacturing process. Since 2010, the company has been a DGNB member (German Sustainable Building Council) and since 2015 FSC® and PEFC certified (FSC-C125054, PEFC/4-31-2463). In addition, the system walls can be flexibly relocated without destruction, i.e. they can be easily reused in the event of changes in building use or new room layouts, which makes our system of modularcomponentssustainableinthesenseof circular building.





2022/23: New building of our production hall

#### Partnership-based

We are regionally rooted, yet globally active. With our customers in the sectors commercial, banks, insurance companies, education and research, we realize projects both in Germany and internationally. The basis for this is the long-established principle of entering into partnerships, as feco sells system components to licensed partners worldwide. Contract carpenters and interior finishing companies completely or partially manufacture the system wall themselves in line with their country-specific requirements. As licensor, feco enables its partners to access a sophisticated partition wall system and provides them with product and installation training as well as fire protection and manufacturing training.



More on: feco invests at the Karlsruhe site

#### Visionary

Our mission is: to turn offices into meeting places that put people at the center. Because in a work environment where we feel good, relaxed and full of energy, we are motivated and productive. That's why every day, the feco team seeks, conceptualizes and realizes new perspectives for the working worlds of the future. Our relocatable system walls offer design options in terms of materials, color and transparency to create spaces that are effective and inspiring. They structure and define spaces and offer both openness for communication and acoustically effective protection for concentrated work. At our showroom, the feco-forum in Karlsruhe, feco shows anyone interested what the office of the future can look like. There, in the socalled "ErlebnisReich", visitors have the opportunity to experience various work-space concepts with all their senses and try them out for themselves.



## **Creating space for success.**Three business segments. One team.

As a leading manufacturer and furnisher of office spaces, we create unique working environments with our feco space-creating system walls made of glass, wood and metal. 125 experienced employees work hand in hand in our medium-sized family business in the TechnologyRegion Karlsruhe – from the initial

idea right through to the assembly. With optimally coordinated business areas, we realize demanding projects for office buildings, research and educational facilities. Together we design future-proof working landscapes with strong-brand office furnishings.

### feco Systeme GmbH

feco Systeme GmbH develops space defining partition wall systems for high design and construction-related requirements:

#### **Partition wall systems**

Development of partition systems made of glass, wood and metal with energy-performance certificates.

#### feco-feederle GmbH

feco-feederle GmbH creates challenging projects realized with feco system partition walls and strong-brand office furnishings:

#### **System wall projects**

Project-related construction, manufacture and assembly of feco system partition walls and interior finishing services.

#### Office furnishings

Design, planning and realization of office furnishings with valuable brands.



## Our showcase room. The feco-forum in Karlsruhe.

It is easy to forget the aspiration to see furniture and system walls when entering the feco-forum. Light, form and space unfold their effect and combine the characteristics of an exhibition building with contemporary office architecture. The interior is characterized by the guidance of daylight. "Light – is the least expensive matter, as it costs nothing and outlives us all."

Prot. Arno Lederer, \* 1947, † 2023





The feco-forum was designed by LRO Lederer Ragnarsdóttir Oei, Stuttgart, and has been awarded numerous prizes.



Even from the outside, our feco-forum is architecturally striking: the black aluminium facade lends presence and in the entrance area comes up against wood, which reflects the origin of our company.



#### **ErlebnisReich**

Experience our brand diversity on over 3,500 m² of exhibition space: Our vivid market-place for architects, planners, builders, investors and occupants in search of the matching space solution. It is also the workroom for our employees in Karlsruhe and our venue for events such as "Dialog in the forum", in which we take up knowledge and design ideas and send out signals.



#### **IdeenReich**

This is the heart of our own office space between teamwork, intensive knowledge transfer, information exchange, concentration and relaxation. Here you can experience tomorrow's world of work today.



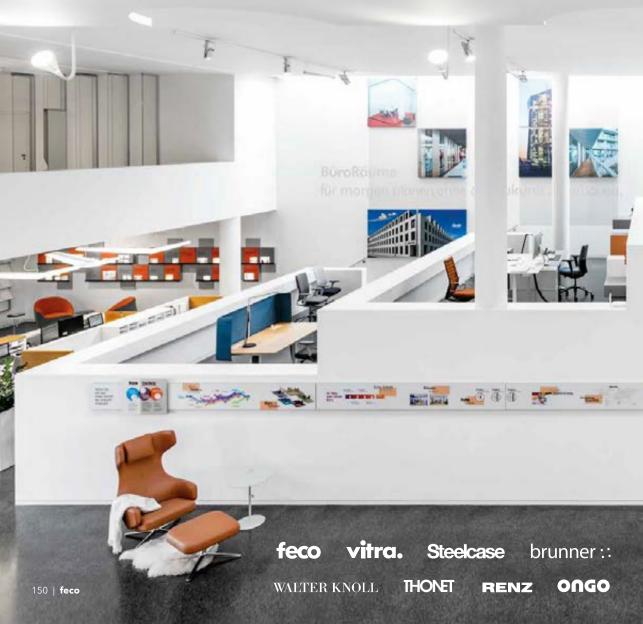
#### HimmelReich

In the feco-forum we like to invite guests to ascend to our HimmelReich – the lounge where we combine encounters, discussions and heavenly pleasures.

## **Strong-brand office furnishings** at the feco-forum in Karlsruhe

We have been working with the successful brands in our industry for over 30 years and are proud to represent their collection in the TechnologieRegion Karlsruhe. Together, we design future-oriented working landscapes for our customers.

This has developed into a partnershipbased working method in which all processes are coordinated and where we can rely on each other. As to the development of working at the office, we exchange ideas and learn from one another.



We love the variety of materials and design options. Offices are created as compositions, telling a distinctive story of their occupants and users. Experience gained from use is incorporated into the configurations and design of the rooms, so that people feel comfortable in the office. This also results in project-specific furnishing solutions that are customized to meet the special requirements of our customers. We enjoy proving our efficiency in joint projects.



Discover our office furniture portfolio at the feco-forum and under feco.de





sedus

十 ophelis

**MUUTO** 

lapalma Montana



viccarbe COR

**GRAU** 

Fritz Hansen®

Waldmann W

ASSMANN

framery

orangebox

## Dialog in the forum.

### Our marketplace for encounters.

The feco-forum is a marketplace where architects, planners, builders, investors and users come together in search of the matching room solution. This is where new ideas and inspiration for the working world of tomorrow are found. Participants of our reoccurring event "Dialog in the forum" have the opportunity to exchange ideas with other experts about the future of the office and to learn from new concepts. Come by and dip right into the working world of the future.



Workshop "Dynamic Spaces" on the meaning, design and implementation of dynamic spaces and the tasks of future offices.



Raphael Gielgen, Trendscout Future Work Life & Learn at Vitra: "The world is changing - and with this change, how, on what, with whom and where we work."



THE NUMAN FACTORISMORK

Trend expert Birgit Gebhardt: "The challenge for the office of the future is to further develop workspaces into interaction spaces."



The Vitra Sessions at the feco-forum are aimed at anyone wanting to use work environments to inspire, involve and bind their employees.



Together beyond the feco-forum: Excursion with architects to Copenhagen, the showcase for architecture and urban planning.



## feco system walls, for everything the future will hold.

Our services.

We are convinced that planning and production must be suited for the long term. Based on your requirements and characterized by the highest quality, functionality and reliability.

#### **Consulting:**

#### Listening and understanding

feco partition wall systems offer a wide variety of creative space solutions, with which we can meet individual requirements. feco system walls have a decisive influence on the architecture and the spatial effect. Their use calls for being well-considered.

#### **Development:**

#### Think new & move ahead safely

Market requirements are just as important for our developments as the consideration of current requirements for structural physics and sustainability.

#### **Project management:**

#### **Customized construction processing**

Careful planning and effective project coordination are essential to the success of a construction project. Our project managers accompany your order from implementation planning to acceptance, with the experience of major projects and maximum reliability.



#### **Production:**

#### Visible precision

feco's special quality feature is our high vertical range of manufacture. It guarantees the high standards we set for our products. All wall elements are prefabricated to the greatest possible extent at our factory in the Technology-Region Karlsruhe to ensure high precision, custom work and a short assembling time on site.

#### **Logistics & Assembly:**

#### Reliable & clean

Already with the order acceptance, we plan the logistics and assembly to ensure an effective handling of your project order. Our own assembly supervisors are your contact person on site and our guarantors for best quality.

advise develop produce assemble

## With experience to the new office furnishings.

Our services.

We support you in designing your office of the future. We accompany you step by step, with ingenuity and competence. In this, our focus is always on the big picture and our eye on every detail.

#### **Consulting:**

#### Listening and understanding

At the beginning of our cooperation we get to know your requests and requirements as well as a survey of the actual situation.

#### feco OfficeCheck:

#### Online survey

In addition to kick-offs with decision-makers and workshops, we also rely on a flexible planning tool: the feco OfficeCheck, an online survey for employees.

#### Planning:

#### Well thought-out occupancy concepts

Zoning planning forms the basis of a spatial concept. In this manner, we design your office surfaces with your processes and business objectives in mind.

#### **Project management:**

#### A step ahead in your project

From the very start, we gladly accompany you with our experience and keep in touch with the project participants in order to avoid unexpected surprises.



#### Sampling & Showroom:

#### Decisions need to be carefully considered

Come visit us at the feco-forum. Ideas for furnishing your office await you on over 3,500 m<sup>2</sup>, or during a joint visit with our brand partners.

#### **Delivery & Assembly:**

#### Smooth processes for your project

To ensure everyone is satisfied at the end of the project, delivery and assembly are con-sidered from the very beginning. Our experience leads to answers that ultimately avoid additional expenditure for all parties involved.

#### **Extensive network:**

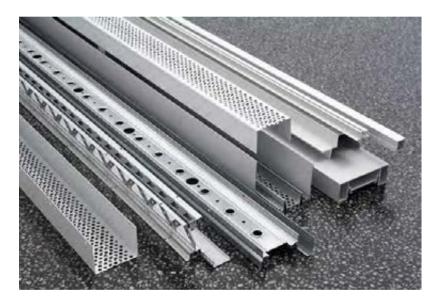
#### **Efficient service beyond regions**

We use the logistics and assembly capacities of our efficient network and provide you with efficient service nationwide.

analyze conceive schedule realize

### feco system walls create spaces. For whatever the future holds.

feco partition wall systems have a clear design style that significantly influences the effect of the building towards its interior. They create space solutions that combine perfectly with the given architecture. Another great advantage is that you can react flexibly to company changes with the feco system. New space requirements can be implemented without material loss - and if necessary during ongoing business operations. But that's not all: feco also offers the highest level of technical perfection, be it with respect to the fulfillment of demanding noise and fire protection requirements or the low maintenance requirements. Our clamping system provides first-class sound insulation along with excellent statics. So, what else is there to say, other than show us your space?



With feco partition walls change is also taken into account. If structures change, the system walls simply change with them.

Well thought-out structures with simultaneous fulfillment of the maximum structuralphysical requirements.







### Successful award.

### feco-partner project for Harvard.

With its innovative system-wall solutions, feco is an essential part of one of the most energy-efficient buildings in the world: the new construction of the Science and Engineering Complex SEC of Harvard University in Boston by Behnisch Architekten.



Exciting question: Can partition wall systems in office spaces have something that connects? After all, their main purpose, as the name suggests, is to partition, meaning to separate. Anyone familiar with workflows, especially in modern office buildings, probably alreadyknowstheanswer. It's those partitioned areas in particular that promote getting along as in a partnership. No matter if it concerns team meetings or undisturbed working at individual workplaces or in small groups: when the necessary quietness is established, employees are more productive, more efficient and more creative. Partition wall systems from feco provide answers for contemporary office working, as they are flexible, modular and relocatable, and with this approach they also complement and individually structure offices in the long term. With their sophisticated, subtle design, they blend seamlessly into a wide variety of office interiors. These points are exactly what make partition walls to sustainable systems that protect the environment.

### Certified with LEED Platinum and the Living Building Challenge Petal

In this major feco project, the ecological aspects, by the way, played just as decisive a role as the aesthetic ones. And yes, both the client and the architects involved couldn't have been more renowned. We are talking about the new building of the Science and Engineering Complex of Harvard University in Boston, USA, which was designed by Behnisch Architekten. Just recently, the modern complex was certified LEED Platinum and Living Building Challenge Petal—two awards for a building that unquestionably sets new standards in sustainable university construction.

feco, together with its American partner Pannello, installed a whopping 9,000 m² of system partition walls, making a significant contribution to the realization of the 544,000 m² learning and research facility - and in achieving the sustainability target set. But, duty first, and then pleasure. Because initially, the feco partition wall system had to qualify as a sound building element in a test procedure based on research results from Harvard University. But feco easily cleared this hurdle. Together with American partner Pannello, the feco team made an important contribution in creating a healthy and sustainable campus.







The Science and Engineering
Complex has received multiple awards:
FSC Leadership Award Winner 2022,
LEED Platinum and Petal Certificate
of the Living Building Challenge.



### Wood materials and veneers from sustainably managed forests

The oak-veneered door elements and solid-wall door side panels were manufactured by feco in Karlsruhe using a patternflow process. This means that the veneer for the door leaf and solid wall top and side panels is manufactured with a continuous matching veneer pattern. The fecowall solid wall side panels were brought to the special wall thickness of 210 mm according to the on-site plasterboard walls. It goes without saying that all wood materials and veneers used in the Science and Engineering Complex come from sustainably managed forests.

Laboratories and conference areas require acoustic insulation. The fecoplan all-glass construction also offers maximum transparency.

In addition, some 280 aluminium frame glass doors were manufactured with an additional filler profile in the base area to comply with the "Building Code" required in the USA for public buildings. Wheelchair users can push them open without worrying about damaging the door or hurting themselves. Also, the fecoplan aluminium door frame was adapted to accommodate an A45 aluminium frame glass door element, which is typical for the USA and the hardware used there.



In a test process based on research results from Harvard University, the feco partition wall system qualified as a healthy building element for the ambitious goal of creating a healthier, sustainable campus.

Partition walls that connect:
Clearly separated areas
promote a spirit of partnership
in the new Harvard University
building - at the same time,
the large glass surfaces
provide for plenty of light
and transparency.





feco for Harvard: An interview with Larry Hole, CEO of feco partner Pannello, Boston



### International feco partnerships on various continents

The long-established principle of entering into international partnerships on different continents enables feco to operate globally. After all, the core competence in partition wall systems is relevant throughout the world: Whether in Austria, Switzerland, the USA, Israel or Nigeria - wherever people work together, they need spatial zones that offer freedom and at the same time can be relocated without material loss when work structures and team sizes change.

On the feco website, a dedicated section provides information on the partnership and what you need to bring along in order to achieve

this status. In return, the license partners benefit from feco's 40 years of experience with training sessions and consulting services, among other things: Discussions on technical, administrative, commercial and logistical topics take place several times a week. Additionally, partners such as Pannello, purchase much of their materials locally. Transporting large quantities of glass elements across the Atlantic does not make sense neither ecologically nor economically. After all, these can be best produced locally in the USA, enabling both companies to operate efficiently and competitively on the American market.

## **feco partners worldwide.** Unlimited quality.

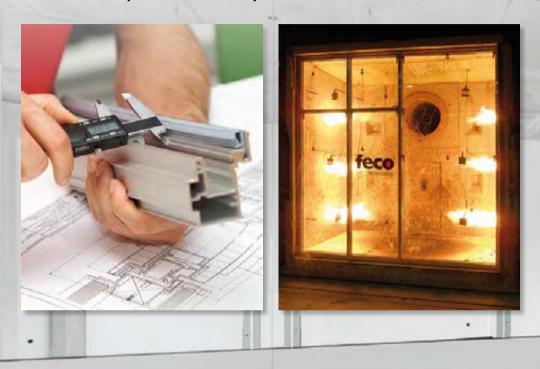


With our philosophy of sharing know-how with licensed partners and taking country-specific requirements into account, we ensure efficient and perfect local service. Thanks to the unique feco system, our partners have control over their individual

vertical range of manufacture, which leads to an optimization of their company values. We support feco partners with technical documentation, test certificates and training – ready to have exciting projects become reality.

## feco product development.

Walls for special requirements.



With feco you can rely on unlimited future security. Each year we develop new system-integrated solutions – from the optimization and enhancement of existing products to completely new designs. The implementation of market demands is just as important as the consideration of the

current requirements for fire protection, sound insulation, sound absorption, statics or air ducting and sustainability. The feco partition wall system combines continuity and innovation so that you feel comfortable in your spaces.

fecowall fecoorga fecoair fecoplan fecodoorwood fecodoorglass fecophon



wood fecophon metal fecophon fabric

## Peace & quiet for concentrated working. Optimized feco room acoustics.

Companies that offer their employees retreats for concentrated working can increase their added value and make their teams happier. But in an environment that appears to be getting faster and louder by the day, it becomes an increasing challenge for the majority of the workforce. The result: Employees increasingly seek zones where they can work in peace and let their creativity flourish. We're talking "Deep Work". The fact that such zones are urgently needed is reflected by the influx of headphones in the office.

#### feco system walls: Less sound, more discretion

Already at low levels, the stress factor noise impairs our performance, because it directly affects the central nervous system and triggers psycho-mental reactions. To reduce exposure at the workplace, it is important to at least reduce the transmission of sound from room to room. This refers to sound insulation. feco system walls can achieve this function. The principle is simple: The higher the sound insulation value of the wall, the less sound reaches the neighboring room. Apart from the actual system walls, the resulting sound insulation is also defined by the flanking components such as floor, wall, facade and ceiling.





The sound-insulation test values for feco-system partition walls were determined in a building-acoustics test rig and are verified by extensive test reports. As sound insulation in construction depends on many trades and factors, we recommend involving an expert for building acoustics.

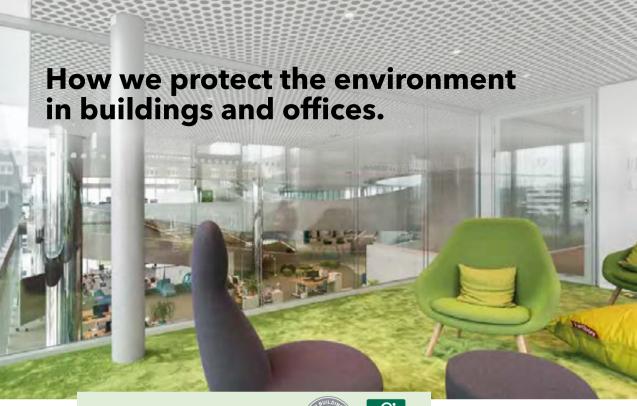
#### Material and surface are what matter

Many planners opt for concrete and glass in office design. Used over large areas, these materials form sound-reflecting surfaces that lead to long reverberation periods. Since suspended ceilings are often not an option due to component activation, compensating surfaces for **sound absorption** are needed to improve room acoustics. System walls can also absorb sound. For this purpose, their surface is slotted or perforated, or acoustically effective wall panels with textile surfaces are employed.

#### Acoustics in the office can be planned

Careful design of sound insulation and absorption can actively control noise exposure at the desk and ultimately improve concentration and work quality. This is also possible in the open working landscape through specific arrangement of elements for sound shielding .





**Project:** Merck Innovation Center, Darmstadt **Certificates:** LEED Platin, FSC-C125054





As manufacturer of system walls and as an office planner, we at feco take our contribution to a future worth living in very seriously – resource conservation and sustainability are therefore lived beliefs for us.

#### Good wood, good climate

One of our most important materials is wood. Its natural look and feel at the same time make it the most popular material in offices. In production and processing, we also appreciate its versatility and long service life. Each year we process large quantities of wood for our system walls and doors. This makes it all the more important for us to handle this valuable raw material with care: Depending on the project, we therefore use only wood materials from sustainable forestry throughout the entire manufacturing process. Since 2015, we have also been FSC® and PEFC certified as a company (FSC-C125054, PEFC/4-31-2463). This specifically means: Wood and

wood products with the PEFC seal verifiably originate from ecologically, economically and socially sustainable forestry. This applies to around two-thirds of Germany's forests. Another 1.36 million hectares of German forest are FSC-certified.

#### Awarded sustainable

The origin and production of materials are also relevant components in the sustainability certification of buildings, for example by the German Sustainable Building Council (DGNB) and its US counterpart LEED, Leadership in Energy and Environmental Design. With our feco system partition walls, we have already contributed to successful sustainability certification in line with DGNB or LEED in numerous projects. The Frankfurt School of Finance & Management and the Merck Innovation Center each received the highest award in platinum.



Since 2010, feco has been a member of the German Sustainable Building Council (Deutsche Gesellschaft für Nachhaltiges Bauen e. V.).

#### Sustainability begins with ourselves

To successfully make a project sustainable, you need more than certificates. For us, that starts right at our own location in Karlsruhe: Our heating system in the production area is fed with waste wood out of our chip silo, and we operate a geothermal system for the feco-forum. But if you put sustainability at the very beginning, you have to think it through to the end: This is why we deliver with our own vehicle fleet and are happy to take pallets and packaging material back with us. On top of that, our system partition walls are in principle non-destructively relocatable or dismountable and recyclable.

#### Sustainable office furnishings

Sustainable office design is not an end in itself, but contributes significantly to a healthy room climate. In the broadest sense, sustainability even becomes a component of an ergonomic working environment. Fact is: A healthy room climate ensures that people feel comfortable - the most important requirement for productivity and performance.

#### What matters in office planning?

Just as with design, each manufacturer also sets different priorities when it comes to sustainability. For all of them, sustainability is an integral part of their corporate philosophy, even of their corporate goals. At the same time, they opt for various certifications that confirm the environmental and climate compatibility of their products. This diversity shows: Every aspect of office can be designed to be sustainable.

You are an architect and interested in building sustainably? As a long-time member of the DGNB, we will gladly advise and share our practical experience with you.



Project: Microsoft Deutschland Headquarters, Munich

Certificate: LEED Platin



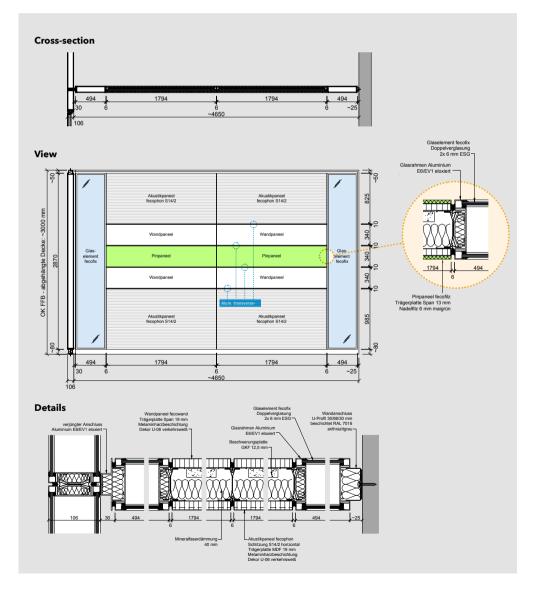
Project: Frankfurt School of Finance & Management Certificates: DGNB Platin, PEFC/4-31-2463

feco | 167

## Project management from a single source. Implementation planning made to measure.

At the beginning of your project, we carry out detailed work planning. We design the feco partition wall best suited to you based on your requirements. Either by adapting existing system solutions or – with corresponding project dimensions

- as customized new design. Whichever way we opt for, you can always rely on us to carry out the design work conscientiously while paying special attention to technically-correct and artistically-appealing details.





## **Visible precision.** feco production - wood.





We know the product we supply down to the finest detail. All wall elements are manufactured in our plant - depending on requirements with industrial or manual production equipment and using CNCcontrolled machining systems for wood, glass and aluminium processing. This is the only way to ensure the high degree of precision that our wall elements offer. In addition, you benefit from our competency in real-wood veneer processing - veneer processing with exceptional pattern-flow is a quality feature that goes without saying for us.



Horizontal panel-cutting saw

Sizing and edgeprocessing system

4-axis CNC wood machining center

5-axis CNC wood machining center

Veneer/joint bonding machine

Veneer throughfeed press

Veneer and paint sanding machine

Coating line for UV roller coatings

Spray painting line for hydro paints







## Transparent quality.

### feco production - glass.

All the work carried out in the plant is more precise and efficient than work carried out on the construction site. We pay special attention to our high vertical range of manufacture, because it guarantees the quality standards we have for our products. An exam-

ple of this is our double-glazed wall elements, which are only delivered after being mechanically cleaned at the factory. An advantage for you, because so they can be installed quickly to the construction site and without further cleaning effort.







#### The feco Group





2.000 m<sup>2</sup> production area for glass/ aluminium processing

Electronically controlled aluminium double miter saws

4-axis CNC aluminium bar machining centers

Miter and corner-crimping presses

Automatic glass pane washing system

2K structuralglazing bonding systems



## **Precise assembly.**Sophisticated logistics.

Smooth processes are based on sophisticated logistics. This is something you will notice immediately during execution of your order. Precise planning saves time and money, as well as nerves. We inform you well in advance about delivery dates and assembly so that you can adjust your processes accordingly. On site we leave nothing to chance, because our trained teams know exactly what needs to be done, allowing you to carry on working with peace of mind.











3.000 m<sup>2</sup> of logistics area for system profiles and consignment goods

> Own vehicle fleet with delivery and assembly vehicles

Trucks with swap bodies and truck-mounted forklifts

Construction site equipment with external elevators and construction containers

Our quality shows not only in production, but also during assembly at your site. New office space is created, while you continue to work as normal just a few meters away. Naturally, this calls for precise scheduling and use of our professional team, whose attention nothing escapes. We always carry out functional testing of all assembled parts and dispose of all packaging. These are components that round off the service we provide and bring us closer to our primary objective of ensuring your satisfaction.









More on delivery and assembly

### My space for success. Welcome to the feco team!

As a leading manufacturer of partition walls made of glass and wood and a renowned office fitter, we want to connect and inspire people. Short decision-making processes, the opportunity to actively participate and further training characterize our hearty working atmosphere.

#### Welcome to Karlsruhe TechnologyRegion

Welcome to Karlsruhe Technology-Region! Situated in the heart of Europe, the region belongs to the European top class in terms of technology, economy and culture. In the midst of a unique natural landscape between the Black Forest, the Rhine, the Palatinate and Alsace, Germany's sunniest region is an ideal working and living environment with a wide range of cultural and leisure activities.

#### What makes us different

To inspire our customers with suitable concepts and products, we go to work with great commitment. This only works so well because the feco team is convinced: of good cooperation, modern workplaces & the office of the future.

#### My advantages at feco

- Offices with the latest equipment
- Barrier-free access
- Company restaurant
- 1n-house events
- with roof terrace
- Continuing education
- Meal allowance Free coffee bar
- Good public transport
- connections
- Flexible working hours Employee discounts

#### My perspectives

Trust, openness and mutual support is what defines us. Our successful 130-year company history encourages us to continue shaping the future together. In this, our focus remains on what is most important: the people and the encounter with each other, so that good ideas can arise that inspire our customers.

Apply for a job with perspective in exciting projects, that you can be can be proud of.

Career opportunities at feco:





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Note on gender equity in language: In our communication, we refer to people of all genders. To this end, we use gender-neutral expressions, double forms, and alternate between the masculine and feminine forms.

This publication contains QR codes to Internet sites that are subject to the liability of their respective operators.

130 years a family business.

40 years of feco. The system wall.

> feco-feederle GmbH feco Systeme GmbH

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