

The Future of Building

Innovative design at BAU 2011—do you know which booth this is?

A great place for networking and business



Trade shows like BAU are a gigantic contacts forum.

Networking and business—that's what exhibitors and visitors come to BAU for. They tell us so in the surveys conducted at the show: making contacts and exploring opportunities for new business are the top two goals they have in mind. And the BAU team is doing its bit to further improve conditions for them to achieve just that.

Even before the fair starts, visitors and exhibitors can make contact with other participants, i.e. potential new business partners, via the online catalog. On the BAU website (www.bau-muenchen.com), there is a list of all the registered exhibitors (regularly updated). A click on an exhibition hall reveals which exhibitors are located where. Many companies already make use of this tool in advance to upload details of their products into the online catalog. A directory of product groups assists in the search. Also, in November, a BAU app will be available in the App Store, giving access to the entire online catalog and information about the supporting program direct from an iPhone or smartphone (see p. 14).

For contacts at the trade show itself, help is provided in the form of a new online tool for lead tracking. This service makes networking

between exhibitors and visitors easier and more effective. A code on the visitor tickets enables exhibitors to read contact details about the visitor and enter them directly into his own database, for later processing. Provided of course the visitor consents to this. For details about this "lead tracking service," see p. 14. And, as in real life, the Internet is not the only place to make contacts:

BAU itself is of course a giant contacts forum. And everybody within it is interested in one thing: business!

A good tip in this regard are the forums and special shows. The latter are often organized in cooperation with manufacturers and it's then easy to find just the right industry contact to discuss a particular subject. Participants in the guided tours of BAU (there are different tours for almost all types of visitor) go to the booths of selected exhibitors—the skilled trades tour, for example, goes direct to those exhibitors who have special products or applications for this group of visitors. The benefit here is not only that it's a fast way to find what you're looking for, it's also an opportunity to hear first-hand information and explanations.

In BAU, as in business, nothing is left to chance. If you prepare well for the fair and make good use of the contact opportunities, then you can be sure of finding the right person.

We wish you every success in achieving that goal!

Your BAU Team

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20th anniversary of BAU
Five decades of success



BAU 2013

14-19 January · Munich

World's Leading Trade Fair for
Architecture, Materials, Systems

www.bau-muenchen.com

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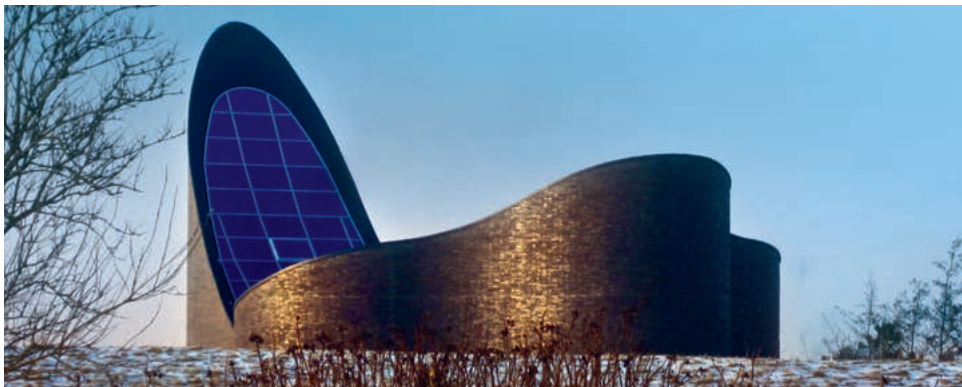
Architecture, M

A1 A2 Stones / Soils

This section covers a wide spectrum of materials and products: from sand-lime brick and pumice and fiber-cement building materials through to façade systems and solutions for dry construction. A particular emphasis, as in previous years, is concrete. "Building with visual concrete is now more diverse than ever before," explains Thomas Kaczmarek, Managing Director of Beton-Marketing Deutschland. By adding pigments, for example, it's possible to achieve a wide range of color hues, and the choice of cement, too, also has an effect on the final appearance: a white cement produces a very light surface, a Portland cement, a darker one. Subsequent processing of the finished concrete surface is another way to ring the changes in design: these include washing out the top-most fine layer of cement, sand-blasting and flaming, as well as manual and machine finishing of the surface through bush-hammering, tooling, boasting, or sanding and polishing. Another important theme in concrete is thermo-activation of the concrete core, including in the context of sustainable building. The thermal storage capacity of concrete makes its ideal for use in energy-efficient temperature control in buildings. For each of these areas, trade visitors to BAU 2013 will be able to review exhibits and product samples.

A3 Bricks / Roof Building

On façades, roofs and even in interiors, clay bricks and tiles have a big impact on the look of a building. Increasingly, the trend is towards custom designs: surfaces can be designed to resemble landscapes or even animal skins. The old technique of a ring kiln has even been rediscovered: traces of sinter and typical setting marks produce a very expressionist-like surface—each individual clay tile or brick looks different. Dark bricks fired in a ring kiln were used on the façade of the "Church by the Sea" in Horumersiel-Schilling, northern Germany, built to a design by Königs Architekten (2012). In brick walls, the trend is towards dark colors: the façade of the



The cladding of dark tiles makes this church by the sea in Horumersiel-Schilling stand out. Designed by Königs Architekten (2012).

Domenikuszentrum in Munich (Meck Architekten), for example, is clad with dark-red clinker bricks produced in a peat-fired kiln. This building won the Fritz Höger Prize in 2011. In roofing tiles, too, dark colors—right through to black—are increasingly being selected. With backing bricks, however, it is always the function that takes priority: "More and more frequently, the products are filled with rockwool or perlite, to optimize

thermal insulation and sound insulation," explains Martin Roth, Managing Director of the Bundesverband der Deutschen Ziegelindustrie. In addition to many brick and tile products for roofs and walls, visitors to BAU 2013 will find extensive information on roof windows and openings, roofing materials, façade systems, solar technology and building materials for chimneys.

A4 Stone / Cast Stone / Outdoor Design

The range of natural and cast stones available—and the applications for them—covers an enormous spectrum, from floorings and façades to solutions for garden and landscape design. In Koblenz recently, at the confluence of the Rhine and the Moselle, a national gardens exhibition attracted attention for its use of the region's graywacke stone, featured on the promenades along the river banks. This stone is not only very robust, it is also frostproof, easy to clean and resistant to acid. Slate can be used in many different applications and for centuries it has been a popular material for roofs and façades. But in recent years it has been getting noticed for modern and symmetrical design. For outdoor applications sand-lime brick, in particular shell limestone, is fashionable, in grey and beige. Stone is even being used for movable louvers. In interiors, in particular in bathrooms and kitchens, the stone is sand-blasted and brushed to give it a leather look. The German stone association (Deutsche Naturwerksteinverband) is taking a larger joint stand at BAU 2013 than at the last show.

A4 A5 Chemical Building Products

From floor coverings to façade systems: chemical building products lie at the heart of advances and applications for modern materials, and have therefore traditionally been a key focus at BAU. "Across the different product areas at BAU the themes of sustainability and resource-protection will define the latest exhibition trends at BAU 2013," forecasts Norbert Schröter, Principal Managing Director at Deutsche Bauchemie e.V. "The chemical building products sector, traditionally strong in the R&M business, is now also benefiting as the new-build segment gradually grows in strength, in that it now sees expanded opportunities to present its innovations in Munich to a wider circle of potential customers." The type of products here include for example resistant repair mortar which can be used to carry out lasting repairs on concrete surfaces even in low temperatures. Also fast-curing waterproofing slurries which can be used to seal repairs in ceramic surfaces in showers and swimming pools or in foundations. As well as surface treatments such as paints, varnishes and pigments, many materials for thermal, fire and sound insulation will also be presented.

aterials, Systems

A6

Ceramics /
Materials & Products for Interiors



Museum of Cultures in Basel, Switzerland, Photo: AGROB BUCHTAL

Ceramic tiles on walls, floors and façades have a long tradition—yet this technology is still advancing. New techniques are being applied, such as the adaptation of digital printing techniques for tiles, and also in spectacular projects such as the Museum of Cultures in Basel, designed by Herzog & de Meuron. The new, multi-angled roof storey of this museum is clad with concave, convex and flat ceramic components with an iridescent green-black glaze, giving the building a very sophisticated look. New developments to be presented at BAU 2013 display a subtle refinement, and, with their new formats, offer plenty of scope for creative applications. The trend here is on the one hand to super-sized dimensions with side lengths of up to 120 cm, and on the other to delicate, just 1 x 1 cm sized mosaic tiles. As well as the visual benefits, these products are also supremely practical in use. At the production stage, special surface finishes can be added to give particular user benefits, for example, easy-clean tiles, an antibacterial effect, achieved without chemicals, and surfaces that can even help reduce smells and air pollution. Other products on the theme of ceramics and interiors—e.g. fittings, sanitation technology and accessories—will also be on display in this section at BAU 2013.

B1
C1

Aluminum

Aluminum opens the way for a range of exciting visual effects on façades: the wavy, almost flowing building envelope of the Agfa administration building in Munich (by Büschl Architekten + Ingenieure) is a woven façade structure of white-coated aluminum (façade design: Hild und K Architekten). In St. Pölten, Austria, the new court building makes a bold urban statement with its copper-and-aluminum alloy façade cladding (architects: Christian Kronaus and Erhard An-He Kinzelbach). The material is also used in solar shading components and in light-diverting systems integrated between panes of glass, both of which are ways of reducing thermal gain in buildings and utilizing daylight effectively, in order to save energy. In addition to this are developments and new product ideas in aluminum profiles



Law courts in St. Pölten, Austria. Architect: Christian Kronaus + Erhard Kinzelbach
Photo: Thomas Ott

and systems, all on show at the fair, as well as the machinery and tools needed for working with aluminum and steel.

B2

Steel / Stainless Steel /
Zinc / Copper

Whether for load-bearing structures, façades or solar shading systems, for roofs or walls, or for generating renewable energy, steel is an essential part of modern and sustainable building. BAU 2013 will be showcasing the latest developments. Of growing importance, from a point of view of resource-efficiency, are high-strength steels, used in particular in building high-rises and bridges. A current example is the Torre Diamante in Milan (architects: Kohn Pederson Fox), which at 130 meters high, is the highest steel tower erected in Italy so far. A big advantage of steel is that the building components are re-usable, or can be 100% recycled without losing quality. Many exhibitors at BAU will be informing visitors about product developments and applications in sustainability and resource-efficiency. Steel frames give buildings a long life span,

because the lightness and flexibility of a steel frame enables users to adapt the buildings to suit their own needs. One of the main focuses of the exhibition is therefore renovation and modernization: The refurbishment of the Museum of the Bavarian Kings in Hohenschwangau (Staab Architekten) received the German Steel Construction Prize in 2012 for its steel barrel-vault roof—this being a good example of the possibilities offered by today's technologies and building techniques. As well as profiles and building systems of steel and stainless steel, also on display will be systems and surfaces in zinc and copper. The bau-forumstahl, Edelstahl

Rostfrei and the Stahl-Informations-Zentrum will all be putting on joint stands at the show.

Architecture, Mo



Energy / Building Systems / Solar Technology

Advances in heating, cooling and air-handling technology are being boosted as a result of the declared aim of moving away from fossil fuels towards regenerative sources of energy. Photovoltaics and solar thermal energy (for heating and cooling) are two alternatives, and these are increasingly being integrated into buildings and building systems. In some cases solar modules (photovoltaic panels) are taking the place of conventional building materials. This works on both single-family houses and on larger buildings. Examples are the Central Station in Berlin and a whole range of sports stadia. David Wedepohl from the German solar industry association, Bundesverband Solarwirtschaft: "The focus is on building automation, but also on storage and intelligent consumption." More and more people are aiming to become independent of the electricity companies—and for that the electricity generated on your own roof or house wall has to then be able to be stored in adequate quantities. Solar energy storage devices are now available for private as well as for industrial purposes. Advances here are continuing apace. As well as energy storage, intelligent management of energy consumption is also a key component in electricity provision: this means adapting consumption to generation, e.g. equipment that uses a lot of energy, such as a washing machine, is only then switched on when sufficient electricity is available. Any excess electricity generated can be fed into the national grid.



Gate / Parking Systems

Manufacturers in this segment are again showcasing a broad spectrum of products at BAU. As well as gate and parking systems, visitors can look forward to a wide variety of doors, gates, frames and accessories, plus new developments in lifts and escalators, gate and door drive technology and building automation and building management systems. Promising new developments are emerging in particular in electric motors and access controls: hidden house door drives, automated solar shading and modern access controls are all ways of increasing security

and maximizing user comfort. One example of successful use of these futuristic technologies is demonstrated at the Hotel Scandic in Berlin, designed by Reichel + Stauth. Universal design and energy-efficiency are also increasingly key aspects in design, echoing the main focuses at the upcoming BAU.



Windows and Doors

The products being presented at BAU by the window and door manufacturers have been designed very much with the energy turnaround in mind. Because these components are a key part of almost every building and they play an important role in energy effi-

tion can be combined very well with external shading systems. One idea to help improve energy efficiency is shading systems such as slatted blinds, awnings and roller blinds—optimum results can be achieved here in combination with light-deflecting systems. Some types of glass and photovoltaics offer the chance for exploitation of passive solar energy and energy generation. To prevent mould developing in rooms, ventilation systems are particularly important: automatic, electrically operated mechanisms and new types of profiles offer solutions here. When buildings are being modernized, ventilation mechanisms can be built into the window frames, for example. The trend in this area is very much in the direction of automation—for example, in mechatronic windows with "intelligent" chain drives to control ventilation.



Display of windows at BAU.

Locks / Fittings / Security

Thermal losses in ventilation can be significantly reduced by using new-style fittings: electrically operated, these systems enable air flow to be optimized and tuned to individual requirements. The opening and closing times can be set via touch panels in the home or time switches; it's even possible to do this remotely via a smartphone. All this enhances comfort

and convenience in the home. These two factors are also high on the priority list when it comes to external doors, and the industry is constantly improving its automatic recognition and locking systems—from transponder coding to biometric identification processes. Exhibitors at BAU 2013 will be presenting a wide variety of locks, cylinders and fittings, including systems to control access and prevent break-ins.

Materials, Systems

B5 Wood / Plastics

The wood-processing industry will be showcasing many innovations at the fair, in particular as regards the megatrends of sustainability and energy-efficiency. "Building in an environmentally friendly way means building in wood and wood derivatives," says Dirk-Uwe Klaas, Principal Managing Director of Germany's wood and plastics processing federation (HDH—Hauptverband der deutschen Holz und Kunststoffe verarbeitenden Industrie). As a natural material, wood's beneficial physical properties are increasingly being exploited in architecture and building. Lightweight yet stable materials combine well with other materials in a

hybrid method of construction, and this is opening up new possibilities, for example in the construction of multi-storey apartment blocks. In 2011, for example, in the town of Bad Aibling in Upper Bavaria, Germany's first eight-storey wood-framed house was built: the all-wood walls consist of solid wooden posts planked with wood-derivative panels; insulation materials and building paper take care of thermal insulation and air-tightness. Excellent thermal insulation is the basis for the latest generation of highly energy-efficient buildings. Many of these "plus-energy" buildings, i.e. buildings that produce more energy than their occupants consume, are already being built as prefabricated timber-framed buildings.

B6 A4 A6 Floor Coverings

Each room has its own special requirements regarding hygiene, surface texture, aesthetics and sound/thermal insulation. And, to meet these needs, there is a broad range of flooring coverings to choose from, with all kinds of different materials and production methods. Elastic and textile, parquet and laminates—all this and more will be on show for visitors to BAU 2013 to review. It is a chance to find out about new products and accessories, such as edgings and profiles, and about developments in laying techniques and applications. The current trend is towards large-format planks and tiles—that applies to laminates and parquet just as much as it does to designer flooring in plastic and vinyl. In the shopfitting segment in particular, designer floors are gaining in popularity; so, too, are products with a matt surface or vintage look, designed to resemble the patina of aged wood.

C2 Glass / Building Automation

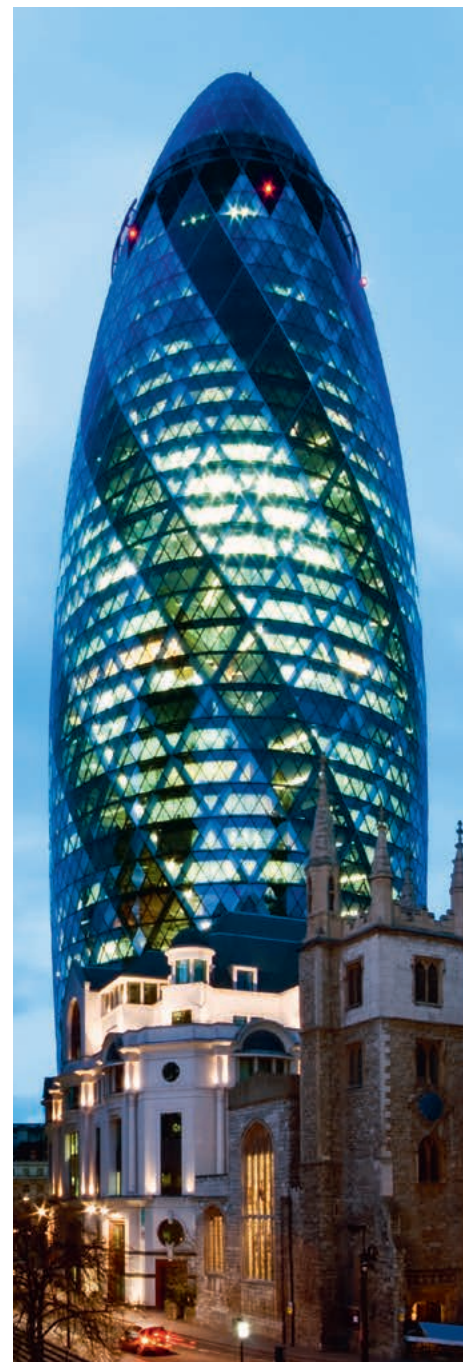
Glass offers an enormous breadth of applications. In interiors it admits light and creates atmosphere—glass blocks, for example, or semi-transparent and colored glass, can be used to produce impressive effects. Different surface finishing techniques, e.g. sand-blasting, etching or structuring, open the way to using glass for opaque,

but light-admitting interior walls: privacy is maintained but light levels are boosted. Glass is also used in structural applications: for this several thin panes of glass are interleaved with film and bonded together using heat and pressure. This thin laminated safety glass can then be used to create glass parapets, overhead windows, floors and walls. On show at BAU will be glass building materials, glass constructions and thin-film membranes, as well as systems and components in glass for façades. The latter includes, for example, solar modules and also products for building automation and control.

C3 BAU IT

Software is a key tool in the working processes of design and construction offices. It is used along the entire chain from initial planning through to energy calculations, costings and operation of buildings. With the aid of parametric tools, modern software programs are enabling the design of spectacular buildings like The Gherkin by Foster + Partners and the Glasgow Museum of Transport by Zaha Hadid. The trend is quite clearly towards optimizing BIM (Building Information Modeling) software. Here all the data concerning an individual building are collected and entered into the program. If one parameter in the central file is changed, the other values are then automatically adapted and are accessible

for all others involved in the design and build process. Based on this the "Open BIM" area is built up. Another focus is what's known as "cloud computing" in which the data are no longer held on local computers, but in remote systems; access is via a network.



"The Gherkin" by Foster + Partners

Key themes at BAU 2013 reflect the range of exhibits



Sustainability

Sustainability—the term has become an overriding imperative in the building industry. It refers to the whole life-cycle of buildings and includes not only ecological and economic considerations, but also social and cultural aspects. This theme will continue to shape research and development in the building industry in the future.

BAKA Awards for Product Innovations Hall B0
Award ceremony of BAKA
Bundesarbeitskreis Altbaurenewerung Monday, Jan. 14, 2013

Building for future generations FORUM B0
BAKA, BMVBS, Fraunhofer Allianz Bau Wednesday, Jan. 16, 2013

AWA Awards "Energy-saving projects and ideas for the future of architecture and urbanism" FORUM C2
Award ceremony, Archi World Academy Wednesday, Jan. 16, 2013

Urban mining FORUM A6
DETAIL research Saturday, Jan. 19, 2013

Sustainable building products Hall C2/311
More transparency promotes better decisions
DGNB Deutsche Gesellschaft für Nachhaltiges Bauen, Special show Monday–Saturday, Jan. 14–19, 2013



Urban development in the 21st century

Already over half of us live in an urban environment. In 2050, that figure will be 75 percent, and by that time the world's population will have reached about 9.3 billion. How this development is to be assessed and what it means for the future of the town will be a key theme at BAU 2013.

Infrastructure and the urban environment FORUM C2
Bauverlag Monday, Jan. 14, 2013

Smart urban systems FORUM A6
DETAIL research Monday, Jan. 14, 2013

Tomorrow's consumption—The effect of online shopping and the opportunities for architecture, urban planning and infrastructure FORUM A6
AIT, BDIA Wednesday, Jan. 16, 2013

The networked city—intelligent urbanization FORUM B0
BAKA, BMVBS, Fraunhofer Allianz Bau Friday, Jan. 18, 2013

TomorrowTown—Intelligent building for the city of the future Hall C2/131
Fraunhofer Allianz Bau, Special show Monday–Saturday, Jan. 14–19, 2013



Building for Life

What "Building for Life" looks like in detail and what it has to take into account will be on show at BAU 2013. It's about the question of how buildings can be designed and equipped to make them attractive and comfortable for all generations, and capable of being used by everyone, regardless of age or physical disability.

Barrier-free living FORUM B0
BAKA, BMVBS, Fraunhofer Allianz Bau Tuesday, Jan. 15, 2013

Building for life—Cost-effective. Flexible. Barrier-free. Hall A4/338
Part 2: Multifunctional property
GGT Deutsche Gesellschaft für Gerontotechnik®, Special show Monday–Saturday, Jan. 14–19, 2013

Building for life—Cost-effective. Flexible. Barrier-free. Hall A4/338
GGT Deutsche Gesellschaft für Gerontotechnik®, tours of the exhibition Monday–Saturday, Jan. 14–19, 2013

Universal Design Hall C4/502
ift Rosenheim, Special show Monday–Saturday, Jan. 14–19, 2013



Energy 2.0

"Energy 2.0" means the future of energy supplies for buildings, and the technological innovations associated with this. What will the concepts and solutions for energy generation, energy-saving and energy-efficiency be like in the future?

Towards a plus-energy world ICM
Congress of the German Federal Ministry of Transport, Building and Urban Development Monday, Jan. 14, 2013

The new EnEV 2012 ("Energieeinsparverordnung") ICM
Symposium of the German Federal Ministry of Transport, Building and Urban Development Tuesday, Jan. 15, 2013

Monitoring Architecture FORUM A6
DETAIL research Wednesday, Jan. 16, 2013

Energy 2.0 FORUM C2
Bauverlag Thursday, Jan. 17, 2013

Energy-efficiency worldwide FORUM B0
BAKA, BMVBS, Fraunhofer Allianz Bau Thursday, Jan. 17, 2013



Special shows: Insights into the future of building

"TomorrowTown—Intelligent building for the city of the future"

Urban expansion and change will have a key influence on social developments in the 21st century, because it is in the cities that the battle for an ecologically sustainable future will be taking place. The energy turnaround, a changing climate, urbanization, increasing pressure on resources and demographic change are the big issues facing the future of our urban environment. Just what robots, biogas, impulse fragmentation, "wellness glass" and mosses can contribute technologically to the city of tomorrow, is to be presented in a special show by the Fraunhofer Building Innovation Alliance (Hall C2) at BAU 2013. Thirty intelligent product and system solutions will set out the contribution that building research can make to a sustainable and future-capable "TomorrowTown." The road towards the city of tomorrow is via "intelligent building."



DGNB®

Deutsche Gesellschaft für Nachhaltiges Bauen e.V.
German Sustainable Building Council

Sustainable building products. More transparency promotes better decisions

If you want to design and build sustainably, you need the right products. More and more architects, designers and building professionals are demanding transparent and reliable information that will help the decision-making process and lead towards the desired certification. In its special show on "Sustainable building products. More transparency promotes better decisions," the DGNB (German Sustainable Building Council), in cooperation with leading partners from the building industry and building research, will be providing the answers. Using examples of completed and certified projects, the experts will illustrate the relevance of building products for the construction, operation and certification of sustainable buildings. It will also show specific

solutions that point out the effect of building products on building performance and the certification result. The DGNB's online "Navigator" tool delivers the necessary transparency. It provides, in simple and easy-to-orient form, all the data on building products that are relevant for designing a sustainable building—a useful tool in facilitating decision-making.

Universal Design

In cooperation with ift Rosenheim, BAU is organizing the special show entitled "Universal Design." Universal design is a challenge the building sector in general has to address for the future, and it is a particular challenge for the manufacturers of building components. Universal design is a concept aimed at ensuring products are designed and made so that they can be easily used by the greatest number of people. Already whole segments of

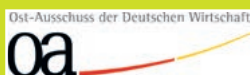


industry, e.g. manufacturers of mobile phones and motor vehicles, are intensively engaged with this theme in their product development. Trends such as demographic change are bringing universal design into the spotlight in the building industry, too. In designing houses, rooms and building components, it is ever more important to ensure that these are easy to use and flexible. This special show illustrates, using examples of products, what specific implications universal design will have for building components like windows, doors and gates. Manufacturers, designers and investors can gather information on criteria such as maximum usability and flexibility, as a means of assessing how well products meet the requirements of universal design. The special show takes place in Hall C4, on an area of around 200 square meters.

+++BAU Ticker+++



The "Skilled trades meeting point" in Hall B0, a joint initiative between BAU and the Building Centre in Poing, is a centrally positioned gathering point for the skilled trades. Over a drink at the coffee bar here, members of the skilled trades can meet and exchange views, or just relax for a few moments during a busy day at the fair. The partners (Building Centre Munich and the Holzmann media group) will also be putting on a presentation of their services at this meeting point, which covers an area of more than 300 m². In a forum here, experts will be passing on tips and information of use for day-to-day work in the skilled trades. The free lectures are being put on by the Poing Building Centre, the Building Centre Munich, Rudolf Müller publishers and the Konradin media group. The Building Centre Munich is also offering themed tours of the fair for the skilled trades.



Russia and its major sporting events is the theme of another event being organized by Germany's Committee on Eastern European Economic Relations (Ost-Ausschuss der Deutschen Wirtschaft) on Wednesday, January 17, from 10:00 to 13:00 as part of the supporting program at BAU. Taking the examples of the Winter Olympics in Sochi in 2014 and the FIFA World Cup in 2018, this special feature looks at the planning behind the construction, the delivery of components, progress so far and plans for post-event usage. Experts from Russia and Germany will be speaking at this event on, for example, ways in which German planners can get involved and on the requirements for components and materials. Registration required, at: www.ost-ausschuss.de.

An interview with Thomas Jocher, Professor at the Institute of Housing and Design, University of Stuttgart, on the subject of universal design in planning and building.

"No-one today is thinking of tomorrow."

— What do "Universal Design" and "Building for Life" actually mean?

New homes should be so designed that young and old alike can feel comfortable living in them. It means a building concept that caters for all needs and all lifestyles. What it comes down to in the end is maximum flexibility. But there is no fixed catch-all definition.

— What's the difference from other terms such as "age-appropriate"?

The term "age-appropriate" is a very broad one. What you probably mean is older-generation-friendly, i. e. designed in detail to meet old people's needs. In our research we try to find out exactly what the needs of old people are.

— What counts as old nowadays?

Good question. What we are discovering is that old people are feeling younger and younger. The 60-year-olds of today feel like 40. They talk that way, they behave that way. But one crucial dividing-line is when they start drawing their pension. For most people life changes dramatically when they stop working. Like in that film, "Pappa ante portas"!

— The marketing here in Germany targets "Best Agers" and the 50-plus generation. It's all putting a favorable spin on the idea of getting older.

Old people hitherto, from the generation of the last war, are broadly speaking content as they are and accept their limitations. But the coming generation of old people are the baby boomers. They will have very different ideas and much higher expectations than the war generation before them. And that has implications for housebuilding and the housing market.

— Has the idea of building for life been put into actual practice? For instance, are there now fixed standards of some kind?

There are no official standards for building for life or universal design. There is, certainly, a DIN Standard, 18040, but that applies to barrier-free building specifically. The idea behind it is that the individual apartment, the block it's in and the whole immediate living environment should be designed with as few obstacles as possible. But barrier-free is not the same as building for life or older-generation-friendly.

— In other words, planners and architects, and for that matter the legislators, are not exactly working with these concerns in mind?

No, or only in a very minor way, because the specific demand is not there. People buying a flat or a house are simply not taking into account that they will be getting old in that new home and that the way they live will then be different. It's a strange thing, because in other areas of life people do allow for a "worst case

scenario." Example: in a car, everyone wears a safety belt. Everyone wants six airbags for protection. In cars, this is a kind of insurance policy that people want to have; when they're building a home—not yet.

— Some surveys seem to contradict that. Two thirds of all Germans want to be still living inside their own four walls at 70, and half of them want to convert their own home to be older-generation-friendly.

Even so, no developer is really tackling universal design. The problem is that there is no accepted definition, although there would surely be plenty of homebuilders ready to engage with design that is compatible with their needs in later life.

The thinking often extends just about to buying an anti-slip mat for the bathtub.

— So the subject is taboo...

Yes, no-one wants to know about getting old. That's why there is no real demand. Most of them would rather put money into a nice new kitchen. Although surveys may tell a different story, the subject is in fact generally ignored when people are buying houses or flats. At 40 you are not thinking about what will happen when you are 80 or more. And then when people really have got old, they just don't want to move somewhere else.

— What's the situation with new lifestyles and living arrangements? Is that not about building for life?

Yes indeed. Building for life is not just architecture and design, it's a social issue. One notable example is the Wagnis building cooperative in Riem, Munich. It's got all the generations living there under one roof, in a sort of big commune. There are communal areas, and people try to help each other out. But that kind of concept is the exception.

— Three-quarters of all buildings in Germany were built 30 years ago, when there were no regulations about energy-efficient building. Is it economic to convert these to be older-generation-friendly?

Sure. After all, most old people feel perfectly at home in older properties. They want to stay in their own older home even though they have to accept certain limitations. And in the course of improving the energy-efficiency of these homes, you can also adapt lots of things to suit older people's needs. It doesn't necessarily mean wheelchair-accessible or fitted out for a care bed. Stairs, for example, are impossible for some people, but they help many others to keep fit. An attractively designed staircase can be stimulating, although not if you have to get up five floors. In old housing stock it is often very difficult to install a lift giving easy access to all floors.





At your research institute you are working on older-generation-friendly building and universal design. What aim do you have in mind?

We have a research contract. The aim is to define cost-effective minimum standards for older-generation-friendly planning and building, and to investigate how a home can be quickly converted to meet old people's needs. We're trying for an uncomplicated starter standard some way short of redesigning the whole building wheelchair-accessible to DIN standards. But the house does have to be thought through, and "ready." 95 per cent of old people could manage fine on that basis. Extras, that's to say things like automatic sun blinds or alarm systems, would have to be paid for, like special features in a car. We call that "ready plus."

At BAU 2013 planning and building for life has been scheduled as a key theme, just as it was in 2011.

It makes sense. Industry, at least, has grasped the point—manufacturers of building products, systems and technology are now fully aware that universal design and older-generation-friendly building are a very important future market. The industry side is fully alert to this, because manufacturers have to keep a few years ahead of anticipated demand. They know exactly where building design is heading in future.

Thomas Jocher—Brief CV

- 1952 born in Benediktbeuern, Germany
- 1980 Diploma at the Technical University of Munich (TUM)
- 1984 Academic Council at the Inst. for Urban and Regional Planning, TUM
- 1991 Obtained a PhD
- 1991 Founded the architectural practice of Fink+Jocher, Munich
- 1997 Professor at the University of Stuttgart, Inst. of Housing and Design
- 2001 Member of the Deutsche Akademie für Städtebau und Landesplanung
- 2002 Deutsche Forschungsgemeinschaft, Review Board
- 2004 Visiting Professor at Tongji University, Shanghai

Memberships:

- Review Board of the Deutsche Forschungsgemeinschaft (DFG)
- Deutsche Akademie für Städtebau und Landesplanung (DASL)
- Bund Deutscher Architekten (BDA)
- Deutscher Werkbund (DWB)

GGT Special show



Signed and sealed: Cooperation partners, BAU Exhibition Director Mirko Arend and GGT Managing Director Martina Koepp.

Building for life—Cost-effective. Flexible. Barrier-free

The special show, presented again by BAU in cooperation with GGT Deutsche Gesellschaft für Gerontotechnik®, will demonstrate what "Building for Life" means in practice and what it involves. This time the display will focus on comfort. On around 200 square meters of space in Hall A4, full-scale, multifunctional and flexible rooms, with a hotel character, will be set up, and fitted out with products that appeal to young and old alike. The modular concept used in this exhibit, developed by specialists at GGT, is useful for apartments, student housing, hotels, sheltered housing and homes for the elderly. Guided tours to the booths of the exhibitors are also being offered. The tours start at the GGT booth, at the presentation of their show apartment in Hall A4.



+++BAU Ticker+++

Tours for almost all professionals in the building sector, from architects to the skilled trades, are being offered at BAU 2013. The daily tours for architects are being organized, as in previous years, by BauNetz and Bauverlag. Go to www.architektenrundgang.de to sign up. The Building Centre Munich is also offering for the first time themed tours for the skilled trades. And there will also be special tours for re-



presentatives from the real-estate sector. Here the organizer is Verlags-Marketing Stuttgart. Finally, Munich's building technology college (Städtische Fachschule für Bautechnik) will be guiding its students through the exhibition. The tours go to the booths of selected exhibitors, where special presentations of new products and systems will be put on, and their benefits explained for the particular target group. The tours last between two and three hours and it is necessary to register in advance. Numbers are limited. For further information take a look at the supporting program, listed at: www.bau-muenchen.com.

BAU Press Conference live on the web: Exhibitors, visitors and the media—all of them will have a unique chance on Thursday, January 10, 2013 to catch up on all the latest on BAU just before the event kicks off. Taking place on this day is the Main Press Conference for BAU 2013. And even those who aren't at the conference can nevertheless experience it live, as it is being streamed live from 10:30 onwards from the Fraunhofer Gesellschaft in Hansastrasse, Munich. Mirko Arend, Exhibition Director of BAU, will be there, along with—provisionally—the new President of the Fraunhofer Gesellschaft, Professor Reimund Neugebauer, who takes up his office in October 2012. The webstream can be viewed on the website of BAU.

BAU plus!

Three high-caliber forums on architecture and urban planning in the future

What does the future of architecture look like? To be able to answer this you first have to ask the right questions. For example:

- Will the globalization in the building industry now be followed by a globalization in architecture?
- What does climate change mean for building in the future?
- When will the energy turnaround be a part of everyday architectural practice—and what does this mean?
- How do you optimize the energy-efficiency of older buildings and how do you integrate them into modern urban concepts?
- How do you tackle the growing complexity of building?
- What can architecture learn from nature?
- Can the building industry benefit from technology transfer from other branches of industry?
- What effects is digitalization having on the world of architecture?

Experts from all over the world who are concerned with these issues will be addressing these subjects and answering questions on them at BAU 2013—right in the middle of the fair, in the forums in Halls C2, A6 and B0. With this unique opportunity, BAU is presenting real added value from which every BAU visitor can benefit. BAU plus!

Forum A6 Architect and Industry in Dialog

- Mon.** **Glocal architecture**
Global thinking—local action
-
- Tues.** **Architecture and climate change**
Cost pressure vs. responsibility
-
- Wed.** **Tomorrow's consumption**
The effect of online shopping and the opportunities for architecture, urban planning and infrastructure
-
- Thurs.** **Health management as a global business**
and the impact on healthcare architecture projects
-
- Fri.** **Stadia as an export boom**
"Vorsprung durch Technik." For the love of the game
-
- Sat.** **The next revolution in office buildings**
What next after total flexibility?



The program being put on by the architectural journal AIT for BAU 2013 covers a number of themes that are of interest for architects and the building industry. The key words are: transcontinental cultural change in architecture, worldwide climate change and the response in architecture, global changes in consumer behavior and retail architecture, globalization in the architecture of medical facilities, international sports events and national architectural competence, and trends in the architecture of office blocks around the world. The speakers are leading international architects and consultants. Each round of lectures will be concluded with a smaller panel discussion.

Forum A6 DETAIL research – Building the Future

- Mon.** **Smart urban systems**
-
- Tues.** **Engineered materials**
-
- Wed.** **Monitoring architecture**
-
- Thurs.** **New nature**
-
- Fri.** **Mass customization**
-
- Sat.** **Urban mining**



On six consecutive afternoons, DETAIL research will be discussing selected focal themes in architectural research. Architects, researchers and representatives from industry will be presenting development themes in lectures and chaired panel discussions. A trend panel will be giving an introduction to the current status of research in the various areas.



Forum C2 The Future of Building

Mon. Infrastructure and the urban environment

Tues. 360° planning—
Integrated planning, integrated process

Wed. Parametric design—the future of design

Thurs. Energy 2.0

Fri. The “Next Big Thing”

Sat. Emerging stars in emerging markets

In cooperation with



DBZ

Forum C2 powered by



Forum B0 From Vision to Reality

Mon. Towards a plus-energy world
Best-practice examples from R&M

Tues. Barrier-free living

Wed. Building for future generations
Real Estate Day (starts at 13:00)

Thurs. Energy-efficiency worldwide

Fri. The networked city—intelligent urbanization,
Universities and Colleges Day (starts at 13:00)

Sat. Designing for resource-efficiency

In cooperation with



Bundesministerium
für Verkehr, Bau
und Stadtentwicklung



Fraunhofer
BAU

Energy and demographics are posing the greatest challenges to architecture, the building industry and to our building culture.

It almost doesn't matter from which perspective the two problems are considered. In Europe and other developed economies, the energy turnaround and the increasing age of the population are main focuses. In India, China and the emerging countries, the economy and the population are growing, and with this also the amount of energy consumed. This forum, organized by the architectural journal Bauwelt and DBZ Deutsche Bauzeitschrift, shows carefully considered, problem-oriented ideas towards a solution.

Forum B0 concentrates on the big themes in the building sector: sustainability and dwindling resources, energy generation and energy-efficiency in Germany, Europe and the world, intelligent networking of buildings, demographic change and universal design. Because these major themes can be viewed and analyzed from a number of different perspectives, three partners are working together in this forum: The German Federal Ministry of Transport, Building and Urban Development, the Fraunhofer Building Innovation Alliance and the Bundesarbeitskreis Altbauerneuerung (BAKA), a working group on renovation and modernization.

What the world says about BAU...



Domingos Moreira Cordeiro,
Engineer, Brazil

"BAU 2011 surpassed my expectations. We were impressed by the event organization and by all the innovations and technologies on display at BAU. Some of the exhibits were truly faultless products, distinguished by high quality, good performance and long-term durability. Brazilians who have the chance to attend BAU in Munich will leave the grounds feeling amply satisfied. They will return to Brazil with great ideas, innovations and new and promising partnerships. All this will put them in a position to achieve added value for their products and their customers."



Philippe Sigwalt, Architect,
France

"BAU is a significant source for our team in many aspects of construction. Its very extensive display allows us to pick out for our clients the best products available at international level. This is certainly a very large-scale trade fair, but the orientation system is very good; it is easy to find one's way round the venue as a whole, because the products are organized by category—and that in turn facilitates comparison and selection. It's a place where all the players in the construction industry meet up and exchange their ideas. And this very enjoyable exchange is rounded off by a conference program addressed specifically to architects."



Warren Muschialli, Managing Director,
John Newton & Company Ltd,
United Kingdom

"We have been attending BAU for more than ten years and regard it as the most innovative and important event anywhere in Europe for construction industry products. Its product spectrum is so broad that our company was able to sign up two new suppliers in the damp-proofing field just by attending the last BAU."

The quality of the exhibitors, and the exhibition venue, make BAU an excellent platform for sourcing new products and meeting representatives of the construction materials and building industries from all over Europe."



MARIO BELLINI, Architect and designer, Italy

"BAU brings worldwide expertise together. It is a must for the construction industry, because it draws in and unites international knowledge of the most advanced technologies. Even if all the information you need is accessible via the worldwide market and the Internet, BAU remains an event that one cannot afford to miss. No matter whether one attends BAU as exhibitor or ordinary visitor—it gives insight into the ways in which research is moving ahead, and makes one aware of new perspectives opening up in planning and building. BAU is a top event for everyone working in the construction sector."



Willem van der Burgt, of the Van Schijndel Bouwgroep, Netherlands

"Many of the construction industry's leading players are represented at BAU. A group of people from Van Schijndel Bouwgroep were among those attending the last BAU. For us as building contractors and project developers it was a first-rate opportunity to catch up on the latest developments. Understanding the latest technologies enables us, in these times of rapidly developing technologies and software programs, to see where the differences lie. Then there's always new legislation demanding higher and higher environmental standards. The progress being made in the German construction sector in terms of energy efficiency and environmental aspects is very informative and helpful to us as a Dutch construction company. It's vital to be up to date on the latest technologies and developments if we are to be ready to face the challenges of the future. The personal contact and personal encounters here at BAU have definitely been helpful in that respect. BAU is one trade fair nobody should miss."



Jiri Hejhalek, Editor-in-Chief,
Stavebnictvi + Interier, Czech Republic

"BAU is simply unique. I know of no other specialist trade fair that drives construction trends or development of new materials as effectively as BAU. Its greatest merit is that it's the venue where the suppliers of new construction technologies and materials meet the project developers and architects. BAU is a forum for the exchange of new ideas and experience, and that is good for the future of building. I'm looking forward very much to BAU 2013."



Cristine Guardia, representing the
Spanish Asefec association—manufacturers and exporters of hardware and construction materials

"The first time I attended BAU was 2009. What impressed me most at the time was the good organization of the fair. I was also astonished by the sheer numbers attending this specialist fair, as it was a time of economic downturn and all the trade fairs in this sector were struggling. I attended again in 2011. A thing I really like about BAU is that it is organized a long time in advance and very professionally. It's also clear to see that the fair visitors really know their stuff. That means very effective dissemination of knowledge between these professionals and the various branches of the construction sector. A point I find very interesting is that the German students who attend the fair are very highly qualified, because they work with industry as part of their degree course. The time they spend at the fair is admirably structured and is designed to extend their specialist knowledge. Another aspect of this fair that I find interesting is that the sustainable building sector gets bigger every time, with not just the number of exhibitors and visitors increasing, but also the number of conferences arranged on sustainability and energy efficiency."



Doğan Emmez, General Coordinator, JUSTEEL, Turkey

"When I attended BAU in 2011, I was impressed by the good organization and by the quality of the visitors. The fair was large-scale and international. Exhibitors presented the latest developments and the technologies of tomorrow. The fair was so brilliantly organized that I had no difficulty at all, in spite of the enormous numbers of visitors, in finding the right halls and booths. As a façade manufacturer I found my time at BAU extremely useful. The BAU team deserve a big thank-you for organizing this successful event."



Visiting BAU—the easy way

A visit to BAU 2013 needs to be well planned. There's travel to organize, a hotel to book, and information to be gathered on the exhibitors—all no problem thanks to a whole range of services provided by BAU for its trade visitors. The aim is to ensure a stress-free trip to Munich in January 2013, so that everybody involved in the world of designing, planning and constructing buildings can get straight down to business at the show.

Print@home Ticket

Anyone wanting to save time and money should buy his/her ticket to BAU online at www.bau-muenchen.com/tickets. Bought online, a one-day ticket costs 21 euros, instead of 35 euros at the venue (a two-day ticket: 30 euros instead of 68 euros; 6-day ticket 44 instead of 89 euros). Also, if you already have your ticket, then you save time at the venue. The procedure is easy: book online and you are sent a Print@home ticket to print out and use to pass through the turnstiles at the exhibition.

Travel

By car: A dynamic traffic control system directs drivers to the exhibition center and to the free parking spaces nearest to the event. The parking lot and the Parkhaus West parking garage (which alone has capacity for 4,600 vehicles) open two hours before the event begins and close two hours after the event ends. A route-planner is available on the BAU website, in the section on "Travel."

By train: For train travelers BAU is organizing a range of attractive travel packages in cooperation with Deutsche Bahn—with and without accommodation. More information on this will be available in November 2012 on the BAU website, in the "Travel" section. Those arriving at Munich's Central Station should take the U2 subway (U-Bahn) to the exhibition center (getting out at one of two stops: "Messegelände West" or "Messegelände Ost"). The journey by subway lasts around 20 minutes. In the mornings and in the afternoons until after the close of the exhibition, the U2 runs every five minutes.

By plane: Deutsche Lufthansa AG, the official airline partner of Messe München GmbH, is offering a discount of up to 10% off flights from abroad to Munich for travel to BAU. Air travelers can use the airport shuttle bus to travel from the airport to the exhibition center. Buses run every 30 minutes during the show; bus stops are in front of Terminals 1 (Exit A and

Central Area) and 2 at Munich Airport. A return ticket to the event by shuttle bus costs 13.50 euros, one-way is 8 euros. Journey time: max. 45 minutes.

Accommodation

Help in the search for accommodation is also provided by BAU on its website, in the section on Travel & Accommodation. Listed here is a wide range of different types of accommodation—from bed and breakfast in private homes up to luxury hotels. And you can book online too. For rooms of all categories, the golden rule is: you get the best choice and best terms and conditions if you book early.

Visa and travel packages

BAU is a top international event. It attracts visitors from all around the globe. To assist visitors from countries from which a visa application is required, BAU is again offering its visa service. They can inform visitors on what documents are needed for the application. Also, from October 2012, visitors will be able to register for a visa invitation letter online at www.bau-muenchen.com. Online registrations are forwarded to the corresponding foreign representatives of Messe München for processing. Our subsidiaries and foreign representatives are also happy to offer support in organizing group travel and to pass on tips on how best to plan a visit to the fair. With six subsidiaries abroad and over 60 foreign representatives actively serving over 90 countries, Messe München International has a worldwide network.

Online catalog: Find a firm at the click of a mouse

The easy way to find exhibitors: The online catalog provides a rapid overview of all the exhibitors and companies represented at BAU and helps in finding individual exhibitors. At the click of a mouse, you can find what you are looking for. You can search according to company name, hall, country and postcode. Searching for particular products, materials, techniques and systems is also easy using the product directory. And with the "Boothfinder" you can find out exactly where the exhibitor you are looking for is positioned. All registered companies are listed in an Excel file which can be downloaded from www.bau-muenchen.com, in the section called "Online catalog." The database is updated regularly.

New leads service for easy networking

BAU is making it easier and faster to network. Exhibitors will in future be able to receive the contact details of the visitors to their booth—digitally—after 24 hours. At the press of a button. All thanks to a new lead-tracking service.

The principle is simple: Instead of the visitor handing over a business card, the exhibitor just scans in the barcode that is printed on the entrance ticket of every BAU visitor. The scan can also be done using hired readers, but it also works well using the lead tracking app on an iPhone or iPad. That way the exhibitor can collect the full contact details of "his" visitors—generally within 24 hours. No more time-consuming filling out of lead forms by hand.



The exhibitor can store further important lead information on the person. All the visitor information that is scanned in and collected at the booth is then available to the exhibitor in his own personal web portal. If

required an interface can be set up which permits transfer of the data to the operating system (CRM) of the exhibitor.

More information on the new lead service, incl. order forms, will be available from September at www.bau-muenchen.com in the "Exhibitors" section.

BAU to go

The BAU app puts BAU 2013 in your pocket. Basically this app is a mobile online catalog, supplemented with content from the supporting program. So, if you want information, at any time and any place, on exhibitors at BAU, and on the forums, special shows, workshops, conferences and prize ceremonies, you can download this app. The app also sets out the new visitor-oriented theme-based structure at the show. The app should be available for download from November 2012 in the App Store. The app works on iPhones, iPads and iPod touch devices as well as smartphones with android operating systems.



BMVBS points the way towards a plus-energy world

Traditionally the German Federal Ministry of Transport, Building and Urban Development (BMVBS) makes use of the world's leading trade fair BAU as a platform for presenting important themes and initiatives.



The Minister himself, Dr. Peter Ramsauer, is provisionally scheduled to open BAU 2013 on Monday, January 13, at 9:30 in the foyer at the East Entrance. He will give a short address and symbolically cut a ribbon to officially open the event. Following this the Minister will go on a tour of the exhibition.

As regards content, the Ministry is putting in an impressive effort for this BAU. Its main focus is the subject of energy, which is also one of the key themes at BAU. "Towards a plus-energy world" is the title of a congress by the Ministry that is being held on the first day of the show, in the ICM. In a symposium, also in the ICM, attention focuses on the latest round of energy-efficiency legislation, the EnEV 2012.

Sustainability in all its facets and aspects is the core theme in the forum in Hall B0, the content of which is being jointly organized by the BMVBS, the Fraunhofer Building Innovation Alliance and the Bundesarbeitskreis Altbauerneuerung (BAKA). And of course the BMBVS will also be represented at its own booth at the show, in Hall B0.

BMW promotes start-ups

The building industry is one of the most important sectors of the economy. And for that reason Germany's Ministry of Economic Affairs (BMWi) will again be active at BAU.



In cooperation with the RKW Rationalisierungs- und Innovationszentrum der Deutschen Wirtschaft e.V. the BMWi is putting on a range of events. "New building materials in development and application" is the title of a congress and workshop that will be of particular interest to many BAU visitors. The export country of Sweden is in the spotlight on the European Building Economy Day. In another event attention turns to "Digital planning, building and management."

The competition "Built on IT" picks out particularly successful IT-supported processes and solutions that optimize the job of building—the prizes are traditionally awarded at BAU. The organizers are the BMWi, the Hauptverband der Deutschen Bauindustrie, the Zentralverband des deutschen Baugewerbes, the trades union Bauen-Agrar-Umwelt and BAU 2013. The BMWi is also providing strong support to young companies wanting to exhibit at BAU. Promising start-ups will be gathered together at a joint stand in Hall B0.

Local public transport in Munich: Buy a ticket!

Anyone traveling to BAU within the Munich area by local public transport (operators = MVV) needs to buy a ticket. Free travel on this transport system is no longer included in the price of entry to the trade show or in exhibitor passes!

The new ruling, introduced last year, applies to all events organized by Messe München International, including BAU 2013.

If you are coming to the show for one day only, then it is recommended you buy a one-day ticket: "Single-Tageskarte" (for one person) or a "Partner-Tageskarte" (for a group of up to five people). For a visit lasting several days, the best option is a 3-day ticket (single or partner). And for a week's visit, the "Isarcard Wochenkarte" should be considered. Those arriving at the airport can make use of the "Airport-City-Day-Ticket." For further information on MVV tickets and their validity, please go to: www.mvv-muenchen.de/en, and look at their section called "On tour with the MVV." To help and advise exhibitors and visitors at BAU in buying an MVV ticket, there will be counters set up at the entrances staffed by specially trained hostesses. There you can also buy MVV tickets. At the subway stations Messegelände Ost and Messegelände West, there are of course ticket machines, but also an info point where people can buy a ticket for the transport system from a member of staff. Other personnel will also be on hand at the subway stations to help attendees in their choice and purchase of tickets at the ticket machines.





Top jury chooses the winners DETAIL Prize— powered by BAU 2013



In 2012, the Munich-based architectural journal DETAIL is inviting submissions for the DETAIL Prize for the 5th time—and again, BAU is its premium partner.



DETAIL award winners and nominees in 2011.

The winner of the Main Prize will be picked by an internationally renowned jury whose names read like a Who's Who of architecture. The winner of the Reader Prize will be chosen by the DETAIL readers themselves in a new online voting procedure. In both categories, already completed projects featuring innovative details within an overall coherent concept will be honored.

In August and September 2012, the nominated projects will be presented at www.detail.de, for readers to select their favorites by mouse click.

The project that by September 20 has obtained the most clicks will be awarded the Reader Prize. The Main Prize and the Reader Prize will be awarded in a ceremony on November 22, 2012 in Berlin—in the presence of leading personalities from the worlds of architecture and art, and representatives from research, politics and industry.

Jury for the DETAIL Award

- David Chipperfield, David Chipperfield Architects, London/Berlin/Milan/Shanghai
- Odile Decq, Odile Decq Benoît Cornette architectes urbanistes, Paris
- Norman Foster, Foster + Partners, London/ Abu Dhabi/Hong Kong/Madrid/New York
- Jürgen Mayer H., Jürgen Mayer H. Architekten, Berlin
- Richard Meier, Richard Meier & Partners Architects LLP, New York/Los Angeles
- Volker Staab, Staab Architekten GmbH, Berlin
- Graham Stirk, Rogers Stirk Harbour + Partners, London/Madrid/Sydney/Shanghai

Munich's architecture aglow at BAU

Following the success of the "Long Night of Architecture" two years ago, another edition is being organized as part of BAU 2013. On the evening of Friday, January 18, 2013 around thirty buildings in and around Munich will open their doors and allow the public in for a closer look.

The idea of building a bridge between the BAU trade fair and the City of Munich and everyone interested in architecture was first initiated at BAU 2011. And it met with a tremendous response. Around 14,000 people—ordinary citizens from Munich and the surrounding region, as well as exhibitors and visitors at BAU made use of this opportunity to visit, at night, a range of architecturally interesting buildings, whose doors normally remain closed to the general public. As in 2011, between 18:30 and midnight, on January 18, 2013, free shuttle buses will operate between the buildings, with passengers able to get on and off at any time. New this time is that inside the buses architecture students will be giving information about the buildings next up on the tour.

In addition to the tours of the buildings, open to all, there will also be a number of guided tours, with specific focuses, as part of the program for exhibitors and visitors at BAU. These tours start at the exhibition center, and registration is required in advanced. For participants from abroad, there are special group arrangements with guided tours or explanations in foreign languages.

Outstanding buildings that were already on the tour in 2011, will again be part of the program. Among the new buildings that were only recently opened are the ADAC headquarters in Hansastrasse and the FOAG building, plus Bult-haupt on Prinzregentenplatz.

The "Long Night of Architecture" is being organized by Messe München GmbH in co-operation with the City of Munich (town planning and building regulations dept.) and the Bavarian government (Supreme Building Authority of the Bavarian State Ministry of the Interior), the Bayerische Architektenkammer, the Bund Deutscher Innenarchitekten and the Bayerisches Ingenieurekammer-Bau. The patron of the event is Christian Ude, the Mayor of Munich.

www.lange-nacht-der-architektur.de



The Long Night of Architecture is a chance to step inside Munich's architectural highlights.

Photo: Ingo Hansmann



BAU 2013 at a glance



As of: September 1, 2012 – Subject to change and modification –

- A1 A2** **Stones / Soils**
 - Stones / soils • Sand-lime brick • Concrete / porous concrete • Pumice / fiber-cement building materials
 - Facade systems • Dry interior finishing
 - Prefabricated building • Plasters • Screed
 - Insulating materials
- A3** **Bricks / Roof building**
 - Bricks • Roof tiles • Roof-building materials
 - Dormer windows • Facade systems
 - Energy-generation systems • Chimney-building materials
- A4** **Stone / Cast stone / Outdoor design**
 - Stone • Cast stone • Facade systems • Floor coverings
 - Garden and landscape architecture
- A4 A5** **Chemical building products / Construction tools**
 - Plasters / varnishes / paints • Adhesives
 - Protection against heat, cold, fire and noise
 - Insulation materials • Seals • Facade systems
 - Floor coverings
- A6** **Ceramics; Materials / Products for interiors**
 - Tiles • Ceramics • Facade systems • Floor coverings
 - Sanitary technology / objects • Fittings • Accessories
- B0** **Investing in the future**
 - Renovation & modernisation • Research and grants
 - Institutes / associations / service companies
- B1 C1** **Aluminum; Machines / Tools for aluminium and steel work**
 - Aluminum profiles / systems • Facade systems
 - Sunshade systems • Energy-generation systems
- B2** **Steel / Stainless Steel / Zinc / Copper**
 - Profiles / structural steel systems • Facade systems
 - Sunshade systems • Energy-generation systems
 - Stainless Steel • Zinc and copper surfaces / systems
- B2** **Energy / Building systems / Solar technology**
 - Heating technology • Ventilation technology
 - Air-conditioning technology
 - Photovoltaic / solar thermal / solar architecture

- B3 C3** **Gate / Parking systems**
 - Gate systems • Parking systems • Drive technology
 - Doors / gates / frames • Accessories
 - Lifts and escalators • Building automation / control
- B4 C4** **Locks / Fittings / Security**
 - Locks • Cylinders • Fittings • Anti-intrusion systems
 - Access-control systems • Accessories
- B5** **Doors and windows**
 - Wood • Plastics • Glass • Aluminum
 - Roller blinds / sunshade systems
- B5** **Wood / Plastics**
 - Wood materials • Plastics • Timber construction
 - Facade systems • Interior work • Stairs
 - Floor coverings • Accessories
- B6 A4 A6** **Floor coverings**
 - Elastic • Textiles • Parquet • Laminates • Profiles
 - Floor-laying technology and equipment
- C2** **Glass; Building automation / Control**
 - Glass building materials • Facade systems
 - Glass structures • Foils • Energy-generation systems
- C3** **BAU IT**
 - IT solutions for building • Measurement technology
- F** **Open-air site**
- ICM** **ICM – Internationales Congress Center München**
 - Congresses, Seminars, Specialty events

Dates

January 14–19, 2013

Opening hours

Mon.–Fri. 9:30–18:30

Sat. 9:30–17:00

Venue

Messe München

Organizer

Messe München GmbH

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www.bau-muenchen.com/mmi

Print@home Ticket

Book your ticket for BAU online and print it out at home:

www.bau-muenchen.com/tickets

Accommodation

Hotel-booking service and accommodation service:

www.bau-muenchen.com/accommodation

Travel/Travel packages

Bookable online from November 2012:

www.bau-muenchen.com/travel

- More than 2,000 exhibitors from over 40 countries
- 17 exhibition halls with 180,000 m² of space, plus the open-air site
- More than 230,000 visitors from around the world
- Unique presence of market leaders and brands
- All the key building trades, materials and products, in one place
- World's largest building trade fair for architects and engineers