

# bautech

International trade fair  
for building and construction

21-25 February 2012

[www.bautech.com](http://www.bautech.com)

In cooperation with:

**SolarEnergy**

International Exhibition  
for Renewable Energy



Building for the future

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# Welcome to bautec 2012

The concept of bautec, focusing on the energy link-up between main building works and building services, has been very successful. The extremely good reception by the industry, attracting previously absent market leaders, once again underlines the attraction and importance of bautec as an industry market place and trade fair in the German capital.

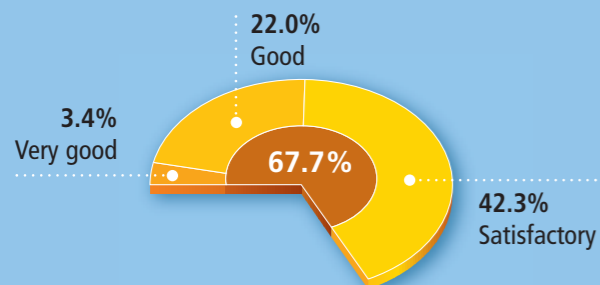
## Satisfied exhibitors

The positive expectations of the 821 exhibitors who came from 25 countries to Berlin for bautec were confirmed.

75.8% of the exhibiting companies intend to return to bautec.

## Business success of participation

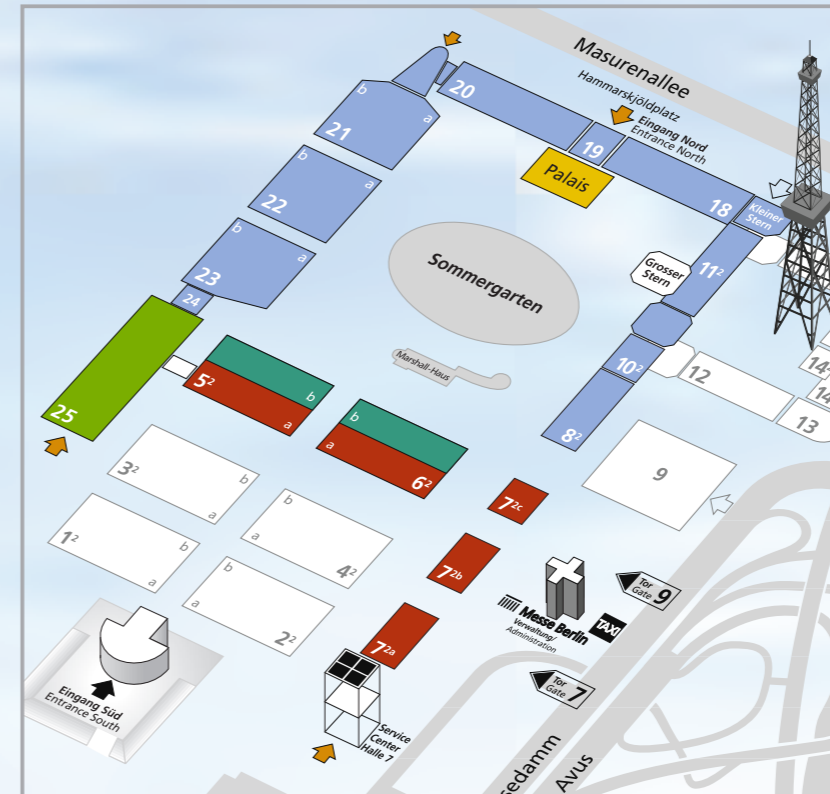
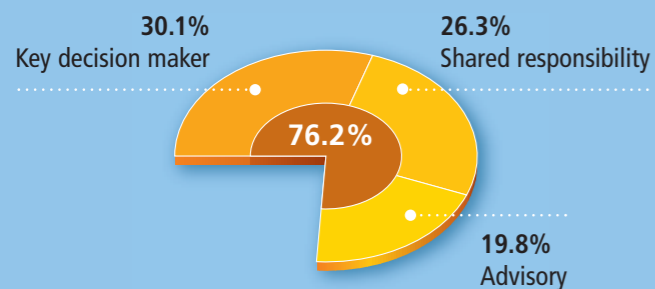
The majority of the exhibitors took a positive view of the commercial results of their attendance.



## Competent trade visitors

The trade visitor structure is a key factor contributing to exhibitor satisfaction.

### Decision-making authority:



**bautec**  
In cooperation with:

**buildIT**  
IT and Communication  
for the Construction Sector

**SolarEnergy**  
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Renewable Energy

**GRÜNBAU  
BERLIN**  
Designing, Building and  
Maintaining Outdoor Spaces

## A tried and tested concept

Due to the underlying environmental and economic situation, energy-efficient building, modernization and renovation is a highly topical issue and one that will continue to gain ground in future.

An important aspect of bautec in 2012 will once again be to bring together professional groups from the research, practical and policy areas in high-profile conferences and forums.



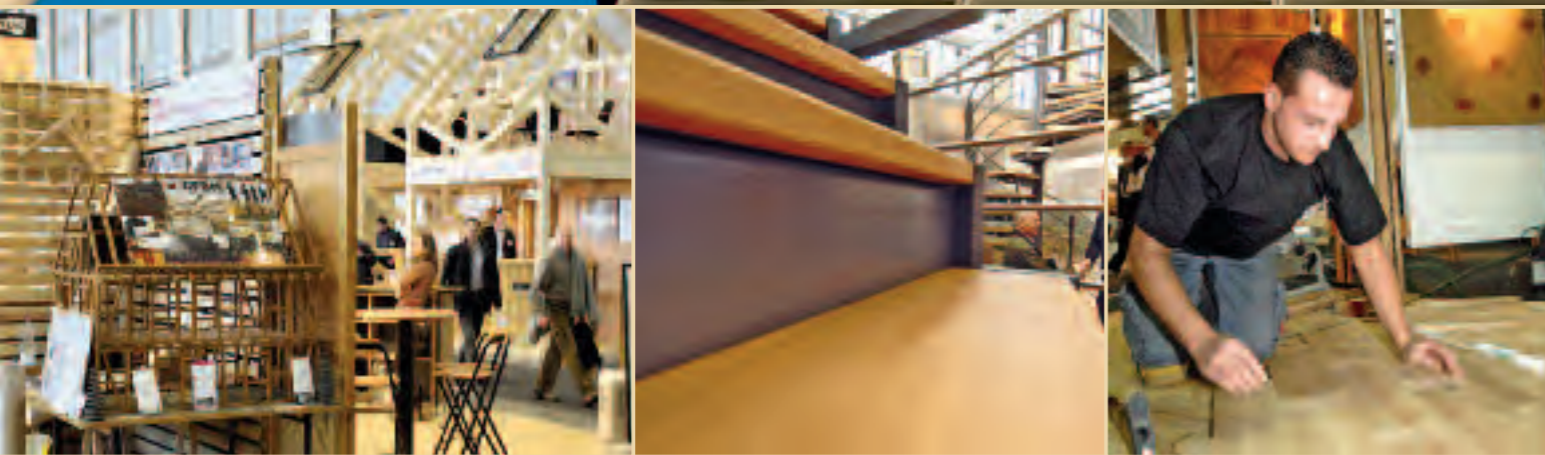
# WOOD

- BALCONIES
- TIMBER FRAMING
- WINDOWS
- VENEERS
- HOUSE BUILDING
- GLUED LAMINATED  
TIMBER CONSTRUCTION
- PARQUET FLOORING
- STAIRCASES
- DOORS
- FENCING



Renewable raw materials meet all the requirements of modern construction materials. In combination with new manufacturing and construction technologies, the familiar favorable technological properties provide an efficient basis for future-oriented, sustainable building and living, and are continuously opening up new areas of application. Acceptance of wood – the predominant renewable raw material – by private and commercial developers is steadily increasing. The large number of timber-frame buildings erected in the region in and around the German capital is a clear indication that many architects, engineers and contractors are exploiting the opportunities and potentials offered by renewable materials.

With the largest timber reserves in Europe, Germany is the leading European user of timber. Every year, the country grows more wood than is used for the production of structural and woodworking timber, wood-fiber-based thermal insulation systems, windows, doors and floors and generation of energy. The ratio of timber frame construction in the domestic housing sector has been steadily rising for many years. Ancillary renewable materials and insulation products, including hemp, wool, cellulose, and linoleum are also becoming more and more accepted in value-retaining home construction.



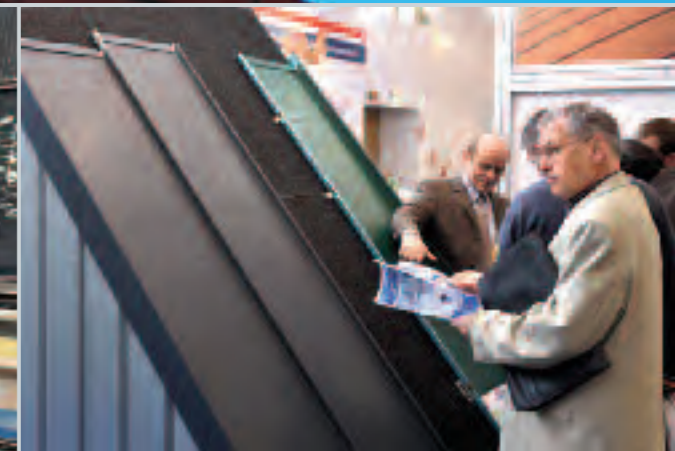
# ROOF

From truss installation and roof coverings to complete loft conversions, the Roof Construction Center offers a complete range of roof building materials, including roof windows and accessories.

In view of the new European Energy Efficiency Directive, the availability of advice on the possibilities of efficient roof insulation techniques is a key issue. The comprehensive professional expertise of the roofing trade is on hand to ensure optimum function and structural performance of the roof.

The Roof technical section is also your information and communication platform for later loft extensions and modernization, including installation of dormer and interior windows, sealing roof terraces and balconies, including all maintenance and repair work.

- SHEET METAL AND TIES
- LIGHTNING PROTECTION EQUIPMENT
- ROOF EXIT WAYS
- ROOF GREENING
- ROOF DRAINAGE SYSTEMS
- ROOF WINDOWS
- DORMERS
- GUTTERS
- TRUSSES
- FLAT ROOF SYSTEMS
- SOLAR TECHNOLOGY
- PITCHED ROOF COVERING

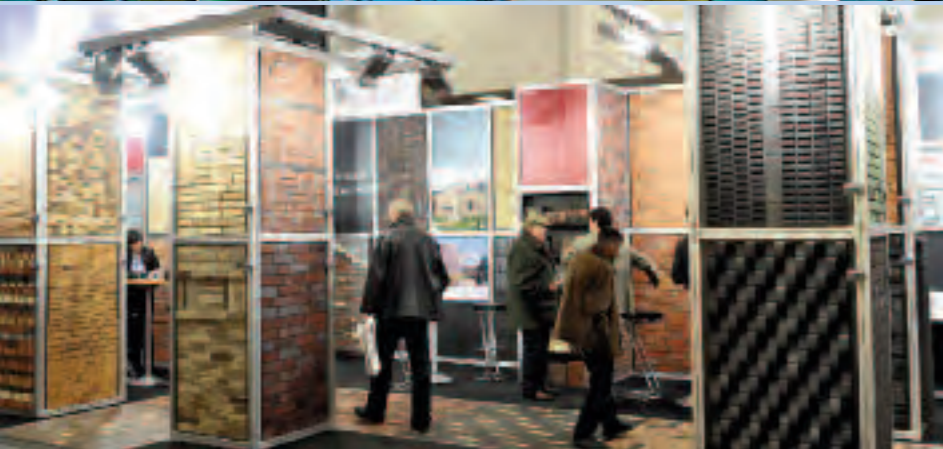


# WALLS / FACADES

- DAMP PROOFING AND VAPOR BARRIERS
- BALCONIES
- BUILDING CHEMICALS
- BUILDING SYSTEMS
- CONCRETE BUILDING MATERIALS
- GLASS
- INSULATION MATERIALS
- PAINTS
- PREFAB PARTS & SYSTEMS
- GLAZED PORCHES AND CONSERVATORIES
- BRICKS
- ARTIFICIAL & NATURAL STONE
- PLASTER
- BUILDING CARCASS
- FORMWORK SYSTEMS
- GLAZING
- WALL BUILDING MATERIALS
- TILES



A building's facade makes a critical first impression. Attention to the architectural and aesthetic aspects of a building exterior is as important as meeting structural requirements. The Energy Efficiency Directive imposes more stringent provisions to increase energy efficiency and reduce CO<sub>2</sub> emissions. Comprehensive systems and new methods in energy-efficient building have added a new dimension to structural engineering applications.





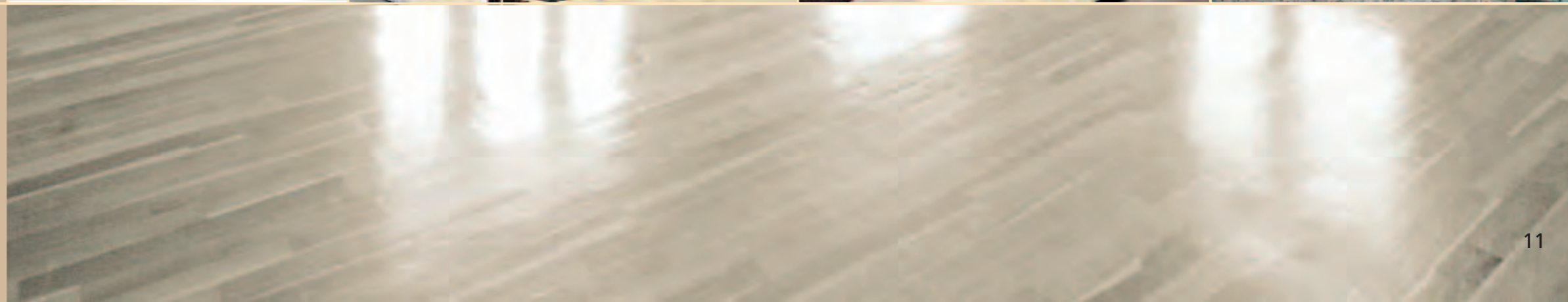
# INTERIOR / DRYWALL CONSTRUCTION

"Light, bright, quiet" – in current architectural debate, the aim of 'minimizing mass' is becoming increasingly important, not least from the point of view of careful management of scarce resources. Drywall and light-weight construction techniques can make a significant contribution to achieving this.

Today, acoustic and drywall construction is a key element in modern building extensions, at the interface between trades and promoting the continuous development of new interior design systems and construction methods. The variety of applications ranges from extension building and reconstruction, to renovation and modernization.

Within the building industry, acoustic and drywall construction is regarded as versatile, clean, fast and inexpensive. *bautech 2012* will serve as an up-to-date source of information for the latest product developments and building material innovations.

- HARDWARE
- CEILING / FLOOR SYSTEMS
- PLASTER / LIME / CEMENT
- GLASS
- WOOD / CORK
- LOAM / CLAY
- ILLUMINATED CEILINGS
- METALS
- FACINGS
- CERAMIC TILES
- WALL COVERINGS AND FLOORING



# PLUMBING & HEATING



- FITTINGS
- DRAINAGE SYSTEMS
- GAS CENTRAL HEATING
- CENTRAL HEATING BOILERS / BURNERS
- HEATING FITTINGS
- FIREPLACES
- OIL-FIRED HEATING
- PUMPS
- RENEWABLE ENERGIES
- PIPES
- PORCELAIN FIXTURES
- SWIMMING POOLS

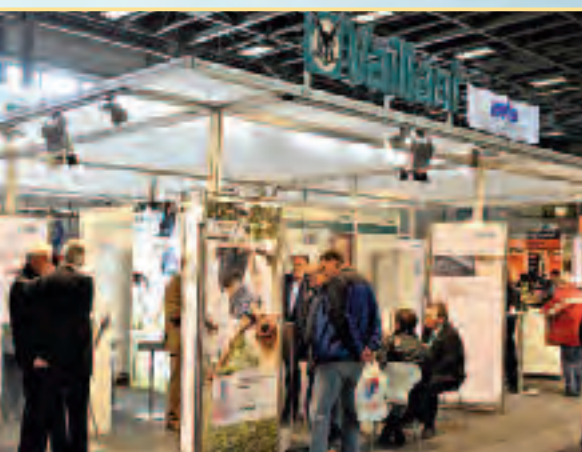
- FIRE PROTECTION / SMOKE EXTRACTION
- ENERGY SAVING SYSTEMS
- FILTERS
- HEATING AND VENTILATION
- AIR-CONDITIONING EQUIPMENT
- AUTOMATED CLIMATE CONTROL
- VENTILATION DUCTS
- SECURITY SYSTEMS
- FANS
- HEAT STORAGE AND HEAT EXCHANGERS

# CLIMATE CONTROL

Good times are ahead for plumbing and heating companies at bautec 2012. Comfortable warmth and indoor plumbing have long been integral parts of modern living. Against the backdrop of rising energy and water prices and the stringent energy saving regulations, there is now a growing willingness of home and apartment owners and tenants to consider the use of up-to-date heating systems, water saving devices, combined domestic heat and power systems and renewable energies.

Modern ventilation and air conditioning technology fulfills several important purposes: it ensures healthy indoor air quality and, by reducing the level of airborne particulates, makes a substantial contribution to creating optimal living and working conditions. This enhances a building's attraction and value.

Innovations in climate control and ventilation technology deliver substantial energy savings, making buildings more economically efficient.



# GROUND CARE / LANDSCAPING



- EXTERIOR LIGHTING
- BUILDING MATERIALS
- CONSTRUCTION MACHINERY AND EQUIPMENT
- SEALING MATERIALS
- DRAINAGE SYSTEMS
- DRAINAGE
- PLAYGROUND EQUIPMENT
- SUN PROTECTION
- TOWN AND PARK FURNITURE
- CANOPIES
- FENCES, GATES, GATE OPENING SYSTEMS

# CONSTRUCTION MACHINERY / EQUIPMENT

- ELEVATORS / LIFTS
- CONSTRUCTION VEHICLES
- CONSTRUCTION MACHINERY
- MOUNTING SYSTEMS
- PREPARATION AND APPLICATION EQUIPMENT
- APPLICATION AND PROCESSING
- LIFTING TRUCKS / PLATFORMS
- LADDERS / SCAFFOLDS
- FORMWORK SYSTEMS
- TOOLS



Groundcare and landscaping play a central part in enhancing our residential amenity and quality of life. Core themes here include neighborhood improvement, revitalization of housing estates and upgrading of play and leisure facilities.

The increasing significance of groundcare and landscaping has made this sector an important factor in the housing and construction industry – and this is reflected in its inclusion as the latest addition to bautech. Following its successful introduction at the last bautech in Berlin, the groundcare and landscaping section will once again be highlighting ways of designing, constructing and maintaining “outdoor rooms” in 2012. bautech is the place to make contact with the professionals.

**GRÜNBAU**  
BERLIN

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An array of construction machinery and vehicles is involved in preparing a building site. Since this is where it all begins, this kind of equipment will form a prominent component at bautech, with state-of-the-art machinery along with groundcare and landscaping techniques, building chemicals and concrete construction systems presented in a construction site environment as the reception to bautech – a promising combination.

# BUILD IT

Software now plays a very important role in all areas of construction industry – indeed modern construction is no longer conceivable without software: AVA programs necessary for tender participation; CAD programs that provide the basis for modern architecture; controlling and management programs to monitor internal cost structures and meet project costs; visualization programs, etc.

A visit to Build IT Berlin is therefore a must for all construction professionals.



IT and Communication  
for the Construction Sector

- CONSTRUCTION SOFTWARE
- FACILITY MANAGEMENT
- INTERNET
- IT-SECURITY
- HARDWARE
- SERVICES
- TECHNICAL LITERATURE
- EDUCATIONAL INSTITUTIONS

## CONFERENCES & FORUMS

An integral component of bautec 2012 will be a high-quality supporting program, focusing on current structural engineering and construction industry trends. A prominent event, which attracts experts from across Europe, is the European Construction Conference.

### Conferences and forums at a glance:

- Conference: 'Energy efficiency in buildings'
- Conference: 'Building for the future – sustainable and innovative'
- European Construction Conference: 'Building and energy efficiency'
- BAKA Forum: 'Renovation of old buildings'
- Forum: 'Mission Roof'
- Forum: 'bautec meets real estate'
- Symposium: 'Industrial and commercial construction'

As of November 2010



# Welcome to Berlin



Germany's capital welcomes you long after the trade fair gates close. Berlin is pulsating and vibrant, fascinating visitors by the rapid changes in the built environment and the wealth of contrasts.

Whatever your taste: architectural or culinary arts, history, gastronomy, music or museums; you will find all that interests you in Berlin.

And if you want to find out which of the 100,000 hotel beds is the right one for you in one of the most visited cities in Europe, the address for information and to make reservations is: [www.visitberlin.de](http://www.visitberlin.de)

