

"Climate-safe construction with sustainable and climate-resilient products".

Heat records, heavy rain, storms and droughts are endangering people and buildings - **climate change** is here, and the consequences are also affecting us in Europe – it is therefore also a matter of protecting ourselves from **climate extremes**.

In addition, the **building sector** contributes significantly to climate change through fossil heating energy and CO₂ emissions in the production of buildings and building products (**grey energy**). Future-proof building products must therefore be **energy-efficient, sustainable** and **resilient to** climate extremes.

In order for planners, manufacturers and builders to make a reliable decision on the appropriate building products, suitable and simple **criteria for** sustainability and climate safety are needed.

Exhibits (windows, doors, façades, sun protection, decentralised ventilation systems and other building elements and materials) must therefore fulfil the following aspects in order to be marketed successfully in the future.

1. **Reduction of CO₂** and GHG emissions + Improvement of the energy efficiency of building materials, building elements+buildings,
2. Protection and **resilience** against climate extremes such as floods, tornadoes and hailstorms,
3. Use of **renewable** raw materials and/or with a high proportion of **recycled material**,
4. Technologies to simplify refurbishment (**serial refurbishment, assembly systems, modular construction**),
5. Products and designs with good **maintenance, care and disposal concepts** that improve sustainability and recycling and conserve resources,
6. **Adaptive solar shading** systems that curb the energy hunger of air conditioning units and protect against heat waves,
7. **Decentralised ventilation systems** for night cooling and natural fresh air supply with minimal energy consumption,
8. **Digital control systems** to minimise CO₂ emissions during the construction and operation of buildings and to improve living comfort + safety,
9. **"Green" facades** and technologies to improve air quality and microclimate,
10. **Surfaces that do** not heat up as much when exposed to solar radiation and thus protect the building elements from damage.



Stand concept + presentation

The trade fair stand uses **fully functional exhibits** to show which materials, constructions and technologies can be used to make buildings more sustainable and better protection against climate extremes.

An **action zone** presents innovative **assembly methods** live, with which building elements can be assembled sustainably, safely and efficiently in order to meet the challenge of energy-efficient building refurbishment.

The exhibits are supplemented by **PC terminals** on which detailed information and calculation/simulation tools as well as digital services can be presented and tested. (automatic EPD creation, CO₂ calculator, Ökobaudat, control systems, digital services of co-exhibitors).

Numerous meeting opportunities on the stand invite visitors to exchange ideas with experts from ift Rosenheim and the co-exhibitors.

Link to the four key themes of BAU 2023

1. **The challenge of climate change**

Building elements must not only become more energy efficient, but also protect against future climate extremes, such as heat, strong wind events, wildfires, sandstorms, hail or floods.

2. **Digital transformation**

Control and protect buildings comfortably and energy-efficiently with adaptive control systems, even when the occupants are out of the house.

3. **Future of housing**

Adaptive, multifunctional, barrier-free and modular building elements can be easily adapted to different usage needs (demographics) and require fewer resources.

- a. Windows, façades and glazing provide the interiors with healthy daylight and protect against solar radiation at the same time.
- b. Bring fresh air into the building and keep pollutants out.
- c. Ensure more efficient energy use in summer and winter.

4. **Resources + Recycling**

Building elements that demonstrably improve sustainability and recycling through the "cradle to cradle" approach, multifunctionality as well as maintenance, care and disposal concepts, thus conserving resources.

Participation opportunities

A-participation

Participation with exhibit and all services of the B participation.
Participation fee € 7,450.00 per exhibit/service.

B-participation

Presentation without exhibits. Mention as "quality manufacturer" in the documentation volume, website, logo on exhibition stand, etc.
Participation fee € 1,950.00 per exhibit/service.

For participants who are not exhibitors at BAU 2023, a co-exhibitor fee of EUR 900.00 will be charged by Messe München.

Performance and service package for co-exhibitors

1. **Product presentation** at BAU 2023 as part of the special show.
2. **Presentation** (print + digital) with product description, company and services for information for trade fair visitors on the ift website and distribution via ift media
3. **PR campaign** for special show and participating exhibitors.
4. **Display trays** for company and product information at the special show.
5. Use of **services** (catering, meeting facilities, information boards, stand security, etc.).
6. Information board on exhibition stand with listing of the company logo.
7. Mention in the **list of** exhibitors at BAU 2023 as a co-exhibitor.
8. Competent visitor / product information by experts from ift Rosenheim.

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ift Rosenheim GmbH, Theodor-Gietl-Straße 7-9, D-83026 Rosenheim

We hereby apply¹ for participation in the special show
"Climate-safe construction" at the BAU 2023 trade fair in Hall C4 (Stand 501/502)
Applications by 5 December 2022 are preferred.

<p>Brief description of the exhibit</p> <p>(window, door, facade, glass, window ventilation, fittings, building materials, etc.)</p> <p>Brief information on construction, material, function, design, sustainability, CO₂ footprint, test certificates and quality certificates)</p> <p>Link to the website with pictures and further product information</p>	
Company name	
Contact	
Function/Designation	
Address	
Phone/Fax	
E-mail	
Date Signature	

¹ The selection criteria for participation are suitability for the overall concept and receipt of the application.