

## climate.proof.build

Sustainable and climate-resilient building products for public and commercial buildings

The persistently high CO<sub>2</sub> emissions continue to "heat up" the climate and the subsequent **extreme weather events** cause great damage to life and property – the **scientific facts** speak for themselves. However, political decisions, the behaviour of many consumers and the successful PR campaigns of the "fossil fuel economy" are delaying the necessary changes.

**Companies** and the **public sector** should therefore set an example, i.e. companies should develop "climate-safe" building products that are then publicly subsidised and used in an exemplary manner. This is also required by the **economic dimension** of sustainability. Today's investments in buildings save costs and reduce risks over a utilisation period of 30 years or more. Anyone who plans and builds according to current standards today will end up with an outdated building that does not provide adequate protection against flooding and overheating.

"**Climate-safe**" building products conserve resources over their entire life cycle, are CO<sub>2</sub> neutral, recyclable, free of pollutants and climate-resilient. The ift Rosenheim has therefore developed the "**climate.proof.build**" assessment system in order to assess the diverse product requirements such as climate protection, climate adaptation and sustainability in a neutral, well-founded and clear manner. This provides builders, investors and planners with reliable information and **decision-making criteria** for searching for and purchasing suitable building products without "green washing".

The following **exhibits** are being **sought** for the ift special show:

1. **Reduction of CO<sub>2</sub>** and GHG emissions + improvement in the energy efficiency of building products during manufacture, utilisation and reuse,
2. Protection and **resilience** against climate extremes such as overheating, flooding, tornadoes and hailstorms,
3. Use of **renewable** raw materials and/or a high proportion of **recycled materials**,
4. Technologies to simplify **energy-efficient refurbishment** (serial refurbishment, assembly systems, modular construction),
5. Products with optimised **maintenance, care and disposal concepts** and therefore resource-saving,
6. **Adaptive solar shading systems** that reduce the energy consumption of air conditioning units and protect against heat waves,
7. **Decentralised ventilation systems** for night-time cooling and natural fresh air supply with minimum energy consumption,
8. **Digital control systems** for building elements for CO<sub>2</sub> minimisation, optimised living comfort and more safety,
9. **Green roofs** and technologies to improve air quality and micro-climate,
10. **Surfaces** that do not heat up so much when exposed to solar radiation and thus protect the components from damage.



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### Stand concept + presentation

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

The "**climate.proof.build**" assessment system is demonstrated using the exhibits presented and the necessary test procedures (hurricane test, test procedure for flood tightness, etc.).

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, CO<sub>2</sub> calculator, Ökobaudat, control systems, digital services from co-exhibitors).

A **media and association meeting place** enables a direct and simple exchange.

Daily testing of the resistance of products to **vandalism**.

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

### Connection to the key themes of BAU 2025

1. **Transformations** (rededication of existing buildings)  
Development of modular building elements that can be easily adapted to new utilisation concepts (e.g. assembly frame for easy replacement of windows).
2. **Resource efficiency** (sustainability, circular economy, CO<sub>2</sub> neutrality)  
Development of sustainable construction products with low resource consumption in production + use as well as a "climate-proof-build" assessment system for the neutral selection and decision of suitable products.
3. **Resilient + climate-friendly construction** (climate adaptation, climate protection, health)  
Promotion of building products with better protection against heavy rain, heatwaves, hailstorms + tornadoes as well as a "climate-proof construction" rating system for the simple and independent selection of suitable products.
4. **Modular + serial construction** (materials, manufacturing processes, digitalisation)  
Modular construction elements that are easier to maintain, repair, recycle and adapt to changing conditions of use. This means that modern building elements are sustainable, retain their value and are therefore more cost-effective in the long term.
5. **Economical construction** (simpler construction)  
Provision of neutral information (energy consumption, maintenance, servicing, etc.) that enables cost transparency over the entire life cycle. Development of simpler procedures for assembly, maintenance and dismantling through modular designs and detailed product information that is available over the entire lifetime of building products.

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### Participation opportunities

#### A-participation (exhibit)

Participation with exhibit and all services of the B participation.

Participation fee € 7,950.00 per exhibit/service.

(If several companies participate, the amount can be reduced proportionately)

#### B- participation

Presentation without exhibit. Mention as "manufacturer" in the [documentation paper](#), ift website, logo on exhibition stand, etc.

Participation fee € 1,950.00 per exhibit/service.

For participants who are not exhibitors at BAU, Messe München charges a co-exhibitor fee of EUR 1,000.00, which includes the basic entry in the **list of exhibitors** and other communication services provided by Messe München.

### Performance and service package for co-exhibitors (A-participation)

1. **Product presentation** at BAU 2025 as part of the special show.
2. Listing in the BAU 2025 **exhibitor directory** as exhibitor.
3. **Full-service** package with catering, meeting facilities, information boards, stand security, storage facilities, etc.).
4. **Presentation** (print + digital) with product description, company and service portrait as information for trade fair visitors on the ift website and distribution via the ift media.
5. **PR campaign** for special show and participating exhibitors.
6. **Display compartments** for company and product information at the special show.
7. Information board on exhibition stand with listing of the company logo.
8. Competent visitor/product information by experts from ift Rosenheim.

Information about the trade fair at <https://bau-muenchen.com/en/>

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Email: [benitz@ift-rosenheim.de](mailto:benitz@ift-rosenheim.de) or [schmaus@ift-rosenheim.de](mailto:schmaus@ift-rosenheim.de) or by post to ift Rosenheim GmbH, Theodor-Gietl-Straße 7-9, D-83026 Rosenheim

- We hereby apply<sup>1</sup> for participation in the ift special show "climate.proof.build" at the BAU 2025 in hall B3  
**Application desired by 30 May 2024**

<b>Brief description of the exhibit</b>  (window, door, façade, glass, window ventilation, fittings, building materials, etc.)  Brief information on construction, material, function, design, sustainability, CO <sub>2</sub> footprint, test certificates and quality certificates)  Link to the website with pictures and further product information	
<b>Company name</b>	
<b>Contact person</b>	
<b>Function/designation</b>	
<b>Address</b>	
<b>Phone/Fax</b>	
<b>E-mail</b>	
<b>Date Signature</b>	

<sup>1</sup> Selection criteria for participation are **suitability** for the overall concept, assessment of "climate safety" and **receipt of** the application.