

glasstec 2022: Foresight. Sustainable architecture with glass

International Architecture Congress on 22 September 2022

Düsseldorf, 23 June 2022 – In architecture, glass has always been synonymous with transparency, lightness and versatility. It was and still is the material for visionary designs of the future and trendsetting buildings of modern times. However, will glass also stand the test of time posed by the coming age of sustainability?

What contribution do glass facades make for our independence from fossil resources and to people's well-being in an increasingly warmer climate? What technical and design potential does glass offer in architecture today?

Answers to these questions will be provided by the [International Architecture Congress](#) “Foresight. Sustainable architecture with glass” held on 22 September during glasstec in Düsseldorf. The Congress is a cooperation project between [glasstec](#), the [Chamber of Architects North Rhine-Westphalia](#), the Technical University [TU Dortmund](#) and the architecture trade journal [DETAIL](#).

Pioneering practical examples

The agenda features eight representatives from renowned architecture and engineering firms that are pioneers in planning and building with glass, presenting their exciting topics. In his lecture, Thomas Auer of Transsolar, Professor of Climate-Adjusted Building at TU Munich, will answer the question of how façades can contribute to all-round sustainable architecture.

Michiel Riedijk of Neutelings Riedijk Architects and Ingemar Vollenweider of the architects' office jessenvollenweider will present two examples of building skins that are not only energy-efficient but even generate energy: the Gare Maritime at the Tour & Taxis site in Brussels is considered a showcase for climate-driven refurbishment of buildings in the Belgian capital and the newly erected Environmental and Energy



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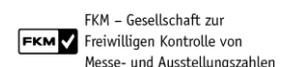
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Authority in Basel is the first office building in the city that complies with the Swiss Plus-Energy-Standard 'Minergie-A' thanks to its PV façade.

A similarly ground-breaking beacon (almost) completely from glass was erected by the Danish architects 3XN with their office building 'cube berlin' at Berlin central station. Details about the new building and its twin-skin façade will be provided by Torben Østergaard of 3XN in his talk at the Congress.

Bernard Plattner and Carla Baumann from the Renzo Piano Building Workshop have decades of experience in building with glass. Their lecture will cover projects of the past 40 years to highlight this company's very special way of interpreting the expressiveness of this material.

Two new glass buildings erected in a completely different context will be introduced by Štěpán Valouch from Czech architects' office ov architekti and David Serero of Serero Architects from France. For the headquarters of luminaire manufacturer, Lasvit ov architekti designed an add-on building with a scaled skin composed of 1,400 translucent, large-format glass shingles, that cover both the roof and façades. In contrast to this, the newly built mediatheque in the French city of Bayeux, presented by David Sereno in his talk, appears transparent from the outside and open on the inside.

The International Architecture Congress is held as part of glasstec at CCD Ost of Messe Düsseldorf. It is recognised as 2 hours of continuous education for the disciplines Architecture and Interior Design by the Chamber of Architects North Rhine-Westphalia. Tickets are available online via the Ticketshop of Messe Düsseldorf: www.glasstec.de/1130

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