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ALLPLAN and MiTek enter into strategic partnership

A basis for the planning and construction of cost-effective and sustainable buildings

Munich, February 15, 2024 - ALLPLAN, global provider of BIM solutions for the AEC industry, and MiTek, solution provider for pre-engineered construction, today announced a partnership. Together, the two companies aim to drive the **digital and sustainable transformation of the construction industry**. This pioneering cooperation enables end-to-end digital work processes **from the design of buildings with wooden components to the automated prefabrication of building elements**. The collaboration addresses

the growing demand for serial construction with a high level of automation, the use of renewable raw materials and a reduction in the consumption of raw materials.

The aim of the partnership is to increase productivity and efficiency in the design and construction of timber houses. The combination of the BIM solution Allplan and the timber construction solution Pamir creates a unique platform that covers all disciplines of timber construction and has unique expertise in nail plate trusses. This enables an automated file-to-factory process in production: BIM models created in Allplan are seamlessly transferred to Pamir, where structural calculations, detailing and work preparation can be highly automated.

Planners benefit from the end-to-end workflow thanks to the integrated design solution for all disciplines and the fact that they receive information for subsequent execution much earlier. Structural engineers benefit from the high availability of data and customized detailed solutions. Prefabricated house manufacturers receive a reliable end-to-end solution for resource-saving construction with timber.

Integrated solution for serial timber construction

Dr. Detlef Schneider, CEO of ALLPLAN, comments: *"Cost-effective residential timber construction is an answer to some of the most pressing issues facing our society in the future. Through the BIM-based planning and production process with MiTek, we are creating maximum efficiency for the construction industry in order to implement timber construction projects at high speed."*

Oliver Amandi, Managing Director of MiTek, adds: *"We are delighted to now be able to offer architects, structural engineers and the construction industry an integrated, holistic planning solution for timber construction. Our customers benefit from maximum competitiveness in serial construction with timber, the most important future market in the real estate industry."*

In practice, this means that the specialist planners use Allplan to create a holistic planning model in an urban planning context. The timber construction elements for walls, ceilings and roofs are transferred to Pamir, where the structural calculations, dimensioning, detailing and production planning are highly automated and model-based. Work planning is coordinated via the Bimplus collaboration platform. There, the detailed

model of the timber construction is coordinated with the work planning of the other specialist planners. The timber elements are then transferred to the automated prefabrication process.

Kick-off for BIM process in timber construction at digitalBAU

As a first step, both companies will be presenting the integrated and holistic BIM process at digitalBAU in Cologne from February 20 to 22, 2024.

Maximilian Amandi, Consultant at ALLPLAN and Manuel Macfalda from MiTek Industries GmbH will also be talking about hybrid planning and building on Thursday, 22 February at 2 pm at the buildingSMART stand (Hall 4, 418): Architectural design meets efficient timber construction.

About the Nemetschek Group

The Nemetschek Group is a globally leading software provider for digital transformation in the AEC/O and media industries. Its intelligent software solutions cover the entire lifecycle of building and infrastructure projects and enable creatives to optimize their workflows. Customers can design, build, and manage buildings and infrastructures more efficiently and sustainably and develop digital content such as visualizations, films and computer games more creatively. The software provider is driving innovations such as digital twins as well as open standards (OPEN BIM), and sustainability in the AEC/O industry, constantly expanding its portfolio by also investing in deep-tech startups. Currently more than seven million users worldwide are shaping the world with the customer-focused solutions of our four divisions. Founded by Prof. Georg Nemetschek in 1963, the Nemetschek Group today employs around 3,600 experts globally.

Publicly listed since 1999 and quoted on the MDAX and TecDAX, the company achieved a revenue of EUR 851.6 million and an EBITDA of EUR 257.7 million in 2023 according to preliminary figures.

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