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AFRY relies on Software Solutions from ALLPLAN

Top international engineering service provider uses BIM software and Allplan Bridge for major infrastructure construction projects

Munich, November 25, 2020 - AFRY, the international provider of engineering, design and consulting services, has opted for the latest BIM solutions from ALLPLAN for the design of its major infrastructure construction projects. The engineers use Allplan Bridge for modeling, structural analysis, and design of curved bridges and Allplan for all other engineering structures in their projects. AFRY is thus pursuing the goal of designing intelligent traffic infrastructure efficiently and across teams while

ensuring high model quality.

AFRY was created in 2019 from the Swedish company ÅF and the Finnish company Pöyry. Headquartered in Stockholm, the service provider employs 17,000 people, making it one of the world's largest companies for engineering and consulting services. In Germany, 500 experts at 16 locations handle around 3,000 projects annually in the fields of transport infrastructure, water, environment, energy, process industry and management consulting. The focus is on sustainability and digitization.

Consistently digital with Open BIM

"In our search for the best provider on the market to support the open BIM concept, we came across ALLPLAN," says Dr. Jens Unger, KIB department manager at AFRY. *"After extensive testing, we were convinced by the integrated and loss-free interfaces, which enable interdisciplinary cooperation and reduce the risk of errors in the ongoing design process. But the ability to model and reinforce concrete structures quickly and efficiently is also a decisive advantage over competing solutions,"* continues Paul-Christian Max, BIM Implementation Manager. AFRY is currently using Allplan software in projects for Deutsche Bahn (DB), among others, and is benefiting from the recently published project template with which users carry out their design projects in accordance with DB's BIM specifications.

Fewer planning errors, increased quality

When deciding on Allplan Bridge, the engineers at AFRY were particularly impressed by its consistency: parametric model creation, structural analysis and detailing in one single solution. This makes it easier to visualize dependencies, improves the quality of the bridge design and reduces interface errors. This is also confirmed by users such as Marina Pütz, BIM coordinator at AFRY: *"Bridge design can already be started without having the final route axes of the traffic facility available. Changes to the axis and gradients can now be made quickly and easily".* And Paul-Christian Max, BIM Implementation Manager, adds: *"The consistency of the data and ease of use, combined with the available national standards and an efficient processing methodology, has significantly improved the quality of our (IFC) models".*

About the Nemetschek Group

The Nemetschek Group is a pioneer for the digital transformation in the AEC industry. With its software solutions, it covers the complete life cycle of building and infrastructure projects and guides its customers into the future of digitalization. As one of the world's leading corporate groups, the Nemetschek Group increases quality in the construction process and improves the digital workflow of all those involved in the construction process. Leveraging the software, buildings can be planned, built and operated more efficiently, sustainably and in a resource-saving manner. The focus of the Nemetschek Group is on the use of open standards (Open BIM). The portfolio also includes digital solutions for visualization, 3D modeling and animation. The innovative products of the 16 brands in the four customer-oriented divisions are used by approximately six million users worldwide. Founded by Prof. Georg Nemetschek in 1963, the Nemetschek Group today employs more than 3,000 experts.

Publicly listed since 1999 and quoted on the MDAX and TecDAX, the company achieved revenue in the amount of EUR 556.9 million and an EBITDA of EUR 165.7 million in 2019.

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