

PRESS RELEASE

The 5D-initiative yet again extends its cooperation network with two promising new software partners: Nemetschek and Siemens.

The 5D-initiative is delighted to announce that two new software partners, Nemetschek and Siemens, share the vision of the 5D-initiative and have joined our ranks in an effort to accelerate the development of soft- and hardware solutions for the European construction industry.

Stuttgart, Germany. December, 19, 2012 — The 5D-initiative is an independent task-force within the European Network of Construction Companies for Research and Development (ENCORD). It was founded by Ballast Nedam, Royal BAM Group, Consolidated Contractors Group S.A.L. – Offshore (CCC), Max Bögl and Strabag-Züblin. Voicing the requirements of the European construction industry, their goal is to accelerate the development of new innovative soft- and hardware tools for general contractors to a point where wide-spread implementation is viable.

It is the 5D-initiative's vision to help our industry go beyond the boundaries of product oriented 3D and building information models (BIM). The true benefit of computer aided solutions, in our opinion, lies not only in their usefulness to store product information, but predominantly in their capability to enable process integration and enrichment. Clear definitions of construction processes are needed to create standards that will allow internal and external process integration. Furthermore a clear system architecture in which the newly developed solutions can be embedded is required.

Seeing the scope of this endeavour, it is clear that taking an open and active approach and focussing on close collaborations with software vendors, research institutes and universities, is of supreme importance to the 5D-initiative. As such, we are delighted to welcome two very promising software companies as new partners in our 5D-initiative.

“We envision a solution where soft- and hardware help to integrate and enrich processes across trades, to eliminate process waste and to support informed decision making,” said Konstantinos Kessoudis, chairman of the 5D-initiative. “Furthermore we require software solutions that support life-cycle management. Infrastructural software solutions are also high on our agenda at the moment. The further development of these software solutions is essential and in order to attain this development we need to involve more software companies. I would also like to use this opportunity to call out to universities and research institutes to join forces and support us with much needed continuous, sustainable and interdisciplinary research. As for our prospective collaboration with Nemetschek and Siemens, we are very much looking forward to it. They have already proven their expertise in their respective fields; working more closely together will allow us to come one step closer to a fully integrated, sustainable, seamless software environment that will accelerate 5D implementation in construction practice.”

“Siemens is a well-known and trusted partner when it comes to the execution of large, complex capital projects, and at Siemens PLM Software we are committed to helping companies manage the design and realization of their investments” said Dennis Peters, Senior Director - Energy & Utilities Industry. “What we find exciting about the 5D-initiative is that it brings together experts from across the construction industry to solve some of the toughest business challenges they face. Participating in the 5D-initiative gives us the opportunity to share our rich and deep history in helping companies across industries such as Automotive, Aerospace, Energy and Machinery bring their innovations to reality, and allows us to join with some of the top thought leaders to bring new and exciting technological advances to this industry.”

Already more than 40 years Nemetschek is making software for the construction industry. We are aware of the difficulties that our customers are facing for managing multidisciplinary projects. In many cases international companies work together on a project within a short time schedule. To deliver in time the projects with high quality and with a limited budget requires special collaboration tools. As a dedicated software company in AEC we support our customers with special software for improving work processes. BIM is a new practice to solve many collaboration issues. Important is to understand the priorities and functionalities as required by the market. “The 5Dinitiative, coming from the practice, is helping us to understand the needs of the contractors, who are important players in this field. We welcome this initiative and we are happy to join. Together we can move limits and bring the construction Industry to another level” said Herman Oogink, CTO Nemetschek Scia.

Pragmatically converting this newfound partnership into a purposeful working relation will be a mutually rewarding challenge for the following months. The Lake Constance 5D-Conference made it abundantly clear, that challenges in application and implementation are of a universal nature; hence demanding a collaborative approach on a global scale. We are looking forward to seeing how Nemetschek’s and Siemens’ technological experience can help the 5D-initiative further the development of technological advancements in the construction industry.

About us

5D Initiative

The 5D Initiative is an independent think tank and task force within the ENCORDER Virtual Construction Platform and was initiated in 2008 by the construction companies Ballast Nedam, Royal BAM Group, Consolidated Contractors Group S.A.L. – Offshore (CCC), Max Bögl and Strabag with the goal of describing common requirements of the European construction industry for the development of new innovative tools by the hard and software industry. For additional information about 5D Initiative, visit <http://www.5d-initiative.eu>. For additional information about ENCORDER, visit <http://www.encorder.org>.

Nemetschek SCIA

Nemetschek is a leading global software provider for the Architecture, Engineering and Construction market (AEC). Headquartered in Munich, Germany, it serves with its 10 brands more than 300,000 customers in 142 countries from 40 locations worldwide. Founded in 1963 by Prof. Georg Nemetschek, the group focuses on innovations such as Open Building Information Modeling (Open BIM) for the AEC market of tomorrow. Publicly listed since 1999, Nemetschek achieved revenues in 2011 of 164 million Euros. Visit www.nemetschek.com.

Nemetschek Scia, Founded in 1974, is a software company headquartered in Belgium, which develops, markets and supports software products for structural engineering and structural analysis in the construction market. We can handle the complete construction cycle for any kind of structure, from design to fabrication and erection. Nemetschek Scia is a member of the buildingSMART Alliance and is promoting the OpenBIM standard. Nemetschek Scia is close involved in the BIM initiatives within Nemetschek. Visit www.nemetschek-scia.com.

Siemens PLM Software

Siemens PLM Software, a business unit of the Siemens Industry Automation Division, is a leading global provider of product lifecycle management (PLM) software and services with 7 million licensed seats and more than 71,000 customers worldwide. Headquartered in Plano, Texas, Siemens PLM Software works collaboratively with companies, delivering open solutions to help them make smarter decisions that result in better products. For more information on Siemens PLM Software products and services, visit www.siemens.com/plm.

About the Siemens Industry Automation Division The Siemens Industry Automation Division (Nuremberg, Germany) supports the entire value chain of its industrial customers – from product design to production and services – with an unmatched combination of automation technology, industrial control technology, and industrial software. With its software solutions, the Division can shorten the time-to-market of new products by up to 50 percent. Industry Automation comprises five Business Units: Industrial Automation Systems, Control Components and Systems Engineering, Sensors and

Communications, Siemens PLM Software, and Water Technologies. For more information, visit www.siemens.com/industryautomation

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