

High-tech cab for OEMs serving the off-highway industry

The "Cab Concept Cluster" creates a customer-independent innovation platform, which cross-connects innovative solutions presented by reputable manufacturers.

Großhelfendorf, December 11, 2015. On December 9 and 10 the members of the newly-formed "Cab Concept Cluster" met at the Fritzmeier company headquarters in Großhelfendorf, which is located in the district of Munich. This network of experts, made up out of well-known OEM suppliers and reputable scientists from the branch, is focusing on the evolution of a concept cabin, which will be showcased for the first time at the bauma in Munich in 2016.

The aim is to make very clear to the OEMs of the construction machinery industry and of the agricultural engineering world and also to producers of industrial trucks including industrial forklift trucks how great the potential of efficient system integration really is.

Therefore integrated into the "Genius Cab" can be found innovative features coming out of the ateliers of all the participating cluster partners, specialists who wish to set benchmarks on the international markets when it comes to safety, operability, driver comfort, maintenance and design.

Members of the cluster are drawn from the following companies: AURORA, BOSCH, Fritzmeier, GRAMMER, HELLA, HYDAC, MEKRA Lang, SAVVY® Telematic Systems AG, S.M.A., the design agency of Lumod, the Technical University (TU) of Dresden and also the German Association of the Construction Industry, Environmental Technology and Mechanical Engineering (abbreviated in German to VDBUM).

"Every single innovation built into the Genius Cab meets specific user requirements and boasts a technology which is virtually ready for series production," explains the engineering expert Professor Jens Krzywinski from the Technical University of Dresden.

"That means that the OEMs are able to start definite series implementation with risks

and costs that can be clearly managed and monitored. The commercial potential for customers and manufacturers is quite considerable," continues Professor Krzywinski.

The fundamental and overriding innovation in all this is the approach to consider the exterior and interior of the cab as a unity and to design it accordingly. The project work in this respect, work which has also involved the hands-on experience of users, is exemplary in its depth and breadth," points out Professor Krzywinski.

Since December 11, the joint website of the cluster has been online at www.cabconceptcluster.com. Further details on cab development, background information on the technical features of individual cluster partners and also planned events for bauma 2016 can all be found in a joint blog which goes online in January 2016.

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