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The construction site of tomorrow: modern—smart—connected

- **bauma 2019 focuses on the digitization of the construction industry**
- **Leading global manufacturers present initial technologies**
- **Visitors can discuss the topic with exhibitors at the bauma Forum**

Digitization is gaining ground in the construction machinery industry. More and more technologies are making their way into the industry. Cloud-based infrastructures, digital services portfolios and security solutions are ringing in a change of paradigm. At bauma 2019, visitors can marvel at initial systems. From April 8 to 14, the world's leading manufacturers will be presenting their developments at Messe München and invite to participate in discussions on the opportunities and challenges of new technologies.

It is possible to realize and automate construction projects more efficiently, faster and more cost-effectively without having to sacrifice quality. In order to achieve this, all stakeholders must, for instance, be perfectly connected with each other, and the processes must be handled electronically. Initial systems for these purposes already exist. They can be seen next year at bauma, the world's leading trade fair for construction machinery, building material machines, mining machines, construction vehicles and construction equipment.

“The digitization of the construction industry is becoming increasingly important. Many construction machines are already equipped with communication interfaces that provide comprehensive data, e.g. on location and consumption. This development is also reflected at bauma 2019. At next year's show, they will not only be able to find out about initial technologies, but also exchange views with the exhibitors about their potential,” says Mareile Kästner, Project Manager at bauma.

Off into the cloud

Coordinating all the activities of several construction sites, sometimes located thousands of miles apart, at the same time—this is no longer a vision of the future. Already today, cloud-based solutions enable projects like these. Planning, implementation, monitoring and optimization of construction projects are consequently running fully digitized.

Let's meet again

bauma

Date: Apr 4 - 10, 2022

As if by magic

Construction site vehicles can now even be controlled and managed by various technologies. For example, special sensors register the direction of rotation of concrete mixing vehicles and thus record the unloading process. And digitization does not stop at height either. Cranes at various locations, for instance, are already controlled remotely from a central control center so that they can carry out their work "driverless".

What is the potential of individual digital systems? At bauma 2019, visitors can discuss this issue with exhibitors like Leica, Topcon and Trimble. These are just three of many different exhibitors that are driving digitization in the construction industry with innovative products and that are focusing on the topic at the bauma Forum. Visitors can find an up-to-date overview of all exhibitors online in the bauma exhibitor database.

Further information about the trade fair can be found at www.bauma.de.