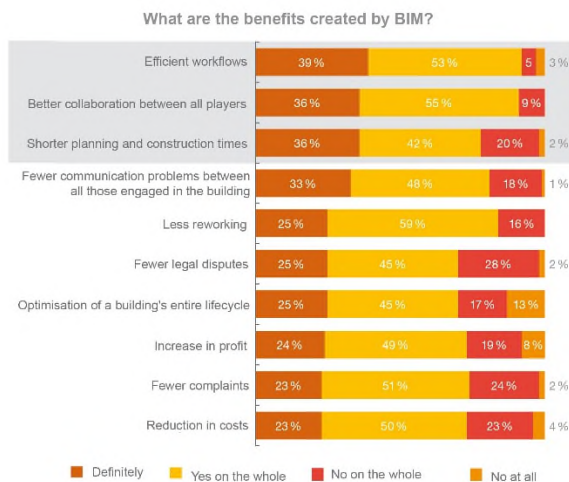


BIM: more efficient processes through digitalisation

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Building information modeling (BIM), the IT-supported working method, is gaining increasingly in importance. BIM is being increasingly employed particularly in the design of building technology and in the process of maintenance during the operational stage. This ensures more efficient workflows, shorter planning and construction times, and better collaboration between all those involved. Light + Building, the leading international trade fair, will be providing an overview of the BIM process in Frankfurt am Main from 8 to 13 March 2020.

"Digitalisation of the German Building Industry", a study presented in June 2019 by auditors and corporate consultants PriceWaterhouseCoopers (PwC), shows that BIM is demanded in more and more calls for tender. These include, in the field of technical building equipment, the implementation planning for construction projects in general, the production and geometric visualisation of a virtual building model, and the capture of all the data relevant to a building. Around half of all German construction companies already have experience of BIM, and just under 80 percent intend to apply this method of working in the next few years.



Light + Building: The use of IBM leads to more efficient workflows and better collaboration Source: PwC Germany: Digitalisation of the German Building Industry, June 2019.

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→ Full article on the subject: www.light-building.com/bim

All participants must implement BIM now

If engineering practices, architects, construction companies and installers aim to remain in the market in future, they should orchestrate and develop their BIM expertise now. The opinion is frequently heard, however, that 3D planning is already a BIM integration. André Pilling, managing shareholder of corporate consultancy DEUBIM GmbH and author of a guide to BIM, complains at the lack of information management. "Time is pressing. A planner or an architect will only be able to handle a BIM project successfully by using structured information management and the developer only by using the specifications set out in "Client Information Requirements (CIR)."

Through open standards and specifications for BIM it will be possible in future for a database encompassing all manufacturers to make planning easier. It will promote standardisation and provision of product data in compliance with the buildingSmart Data Dictionary (bSDD). On the international characteristic-features server, for example, the illumination level of an illuminant will be given an unambiguous international code, which each manufacturer will use as its orientation. In this way planners, trade workers and operators will have a unique and traceable documentation and revision system during the operating stage up to maintenance planning and beyond the lifecycle."

Top theme "Pioneering": BIM at Light + Building

Under the top theme of "Pioneering" Light + Building will be bringing together products and solutions which offer great opportunities, but which are not fully established in the market. These include "Digital twin – BIM", a cross-trades interface for all players engaged in system integration. At the leading international trade fair, which will be taking place in Frankfurt from 8 to 13 March 2020, visitors will find in Hall 9.0 a neutral information platform on the subject of BIM. It will present the BIM process as it operates along the whole "planning – building – operating" value-added chain, and experts will be available to respond to all subjects and questions. An interactive guide will help the visitor to navigate through the wealth of information.

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Light + Building
The world's leading trade fair for lighting
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Frankfurt am Main, 8 to 13 March 2020

Background information on Messe Frankfurt

Messe Frankfurt is the world's largest trade fair, congress and event organiser with its own exhibition grounds. With more than 2,600* employees at 30 locations, the company generates annual sales of around €733* million. We have close ties with our industry sectors and serve our customers' business interests efficiently within the framework of our Fairs & Events, Locations and Services business fields. One of the Group's key USPs is its closely knit global sales network, which extends throughout the world. Our comprehensive range of services – both onsite and online – ensures that customers worldwide enjoy consistently high quality and flexibility when planning, organising and running their events. The wide range of services includes renting exhibition grounds, trade fair construction and marketing, personnel and food services. Headquartered in Frankfurt am Main, the company is owned by the City of Frankfurt (60 percent) and the State of Hesse (40 percent).

For more information, please visit our website at: www.messefrankfurt.com

* preliminary figures 2019

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