

# **OSKAR VON MILLER FORUM**

Press release

## **Creating value with BIM**

**A lecture by Ilka May / LocLab GmbH, Darmstadt, on 28 November 2019 at 6:30 p.m. at the Oskar von Miller Forum**

One of the major success factors in building projects is effective collaboration between all parties involved – from planners and designers to those implementing the work. A digitalised approach to construction based on BIM, Building Information Modelling, seems to be the strategy of choice for future building.

The vision of a viable digital twin system for modelling and analysing operational and future scenarios has already become an established part of many industries. The construction industry with its highly complex and variable scenarios can be considered an enormous prototype of individual projects. In this sector, digital twins offer particular potential for more foresight and a better basis for investment decisions. Apparently, however, its implementation is complex and expensive for many organisations given their stock of historically grown, heterogeneous data silos.

In her lecture, Ilka May will give an account of the potential of digital processes and technologies, as well as the main obstacles to their establishment in Germany. In addition, she will discuss who will benefit from and/or pay the cost of BIM at the planning stage.

## **About**

Dr. Ilka May has almost two decades' working experience in the field of geospatial data and technologies. Until 2017, she worked for the international engineering firm Arup in the UK. In 2015, she led the development of the phased plan "Digital Planning and Building" for the Federal Ministry of Transport and Digital Infrastructure in Germany. Until 2017, she co-chaired the BIM Task Group before becoming a key advisor to the update procedure of the recently published BIM strategy adopted by the German railway operator Deutsche Bahn.

Besides Deutsche Bahn, Ilka May provides consultancy to the building management agency of the federal state of Lower Saxony (Staatliches Baumanagement Niedersachsen), HOCHBAHN Hamburg and the Lithuanian Government on questions related to digitalisation in the construction industry and BIM. Until recently, she also was a member of various standardisation committees in the construction industry both at European and national levels (CEN, DIN, VDI, BSI). Ilka May is today CEO of LocLab Consulting GmbH, a company specialised in creating digital twins – virtual copies of real or planned objects and spaces.