

## **Janusz Poliński: BIM Methodology – What It Is and for Whom**

The paper presents the problem of Building Information Modeling (BIM). The application of this technology leads to an increase in the efficiency and quality of the investment process and a reduction in operating costs. The history of designing with the use of the developing technology of digital information about an object is described. The forms of objects, basic models used in BIM, as well as their use in public procurement are presented. A road map of BIM implementation in Poland and the legal status in this field are described. Examples of the use of BIM in railway construction in Poland, Europe and China are outlined. The construction of the Beijing – Zhangjiakou high-speed railway line section illustrated the full possibilities of using BIM in the railway line object design. Despite the benefits of this technology, there are many factors which may make its implementation in Poland difficult and lengthy.

**Keywords:** designing, Building Information Modeling (BIM), infrastructure investments