

The aim of this study is to investigate BIM-based project in the Nigerian construction industry using Eko Atlantic City as a case study with a view to enhancing widespread adoption of BIM for construction projects by the ...

BIM Energy is a web based building energy calculation software developed by StruSoft.. StruSoft is an innovative Swedish software company with more than 40 years of experience developing specialist applications for structural analysis, design, 3D modelling, collaboration and energy for the building industry.

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In Nigeria, residential households account for the largest share of energy consumption amounting to about 65% of energy usage with an estimate by the Nigerian Energy Commission that 72% of the population depends on fuel, wood and 70% of other traditional forms of energy sources for household energy supply [24].With 80% of power generation coming ...

3.1.1. BIM system The building data and specifications are represented in forms of information models in the BIM system (Philipp, 2013). BIM software is a revolutionary information technology (IT) tool used to design and create building models (Ma, Xiong, Olawumi, Dong, & Chan, 2018).

Energy analysis, solar analysis, structural analysis and lighting analysis make up the least activities BIM is used for in Nigeria. As expected these are duties directly at the realm of the architectural profession and as such the ...

BIM Energy calculation software is an important support app used for building designers & engineers to find ways of reducing the amount of energy used in buildings. By using BIM Energy to determine the energy performance, it supports the engineers to make decisions about the best measures to apply for any existing

building or in an early phase. ...

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Applications of NZEB using BIM, energy and cost-analysis model, a novel hierarchy flowchart, and the thermal property of building models on existing built environments were implemented to determine and reduce the energy demand, and renewable technologies such as a solar PV system on a roof with three wind turbines at 7.2 m diameter were ...

Building information modeling (BIM) is the use of computer generated models to simulate planning, design and construction of projects. According to Autodesk (2016), "Building information modeling (BIM) is an intelligent 3D model based process that equips architecture, engineering and construction professionals with the insight and tools to more efficiently plan, design, construct, ...

In recent years, the awareness of Building Information Modelling (BIM) technology has significantly increased in developing countries like Nigeria. This study examines BIM deployment trends by ...

The aim of this research is to appraise the challenges and prospects in the use of Building Information Modeling (BIM) in the construction industry in Nigeria. It analyzed the uses of BIM ...

BIM Manager - Profile N° 00132516 Nigeria Work experience: 5 to 10 years: Industries: Cleaning, security, surveillance Engineering, development studies Marketing, communication, media Public buildings and works sector, construction Services other

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