

Inside

THE ISSUE

- Digital twins from design to handover of constructed assets
- 6 Challenges Construction Sector Faces in Digitalization
- Shaping future of digital twin design and construction of built assets
- Global Survey

NEWSLETTER

March 2022



Digital twins from design to handover of constructed assets

March 2022

Digital twins are the key to digitalization and a business imperative that any company that fails to adapt will be left behind in a digital future. For this reason, Glodon, together with RICS, conducted this assessment of the basics, trends, and opportunities of digital twins in the built environment sector and explored digital twins development, deployment, and use, especially during the design and construction stages, and analyzed relations to the work performed by surveyors. The paper "Digital twins from design to handover of constructed assets" examines several dimensions of digital twins over the design, construction and whole lifecycle of the asset, and features a variety of use cases.

[Explore Digital Twins](#)



New technology is coming up every year, but digital adoption has been slow in the construction sector.

For a brick-and-mortar industry, difficulties are understandable.

The article explains six barriers that make digital transformation particularly challenging and how digital building helps to overcome them.

[Learn to Develop](#)



The fast deployment of digital twins within the built environment shows how technologies could contribute to the optimisation of the construction project life cycle. Against the backdrop, Dr Georgios Kapogiannis, Head of Thought Leadership in Glodon, gave an in-depth online lecture about digital twins under the invitation of Dr Konstandinos Papadikis and Dr Cheng Zhang of the Xi'an Jiaotong-Liverpool University (XJTLU). He provided the audience with a demonstration showing holistically how the digital twins are taking shape and how they can really drive the management of the project life cycle.

[Read Article](#)



Have Your Say on Future...

The world is changing fast, and at Glodon, we believe digitalization has a big role to play in reshaping the construction industry. We are determined to help you make every project a success. To do so, we are working with Alpha Property Insight to conduct a short global #survey on the role of technology in the construction sector. The survey will provide valuable industry insights on how we should adapt to a volatile world alongside interviews and desk research. Please share your thoughts, together we can make the industry better.

[Be an Influencer](#)

Drive a Clear International Business Development Strategy Bringing Glodon at the Forefront of the Digital Transformation and a Leader in the Built Environment