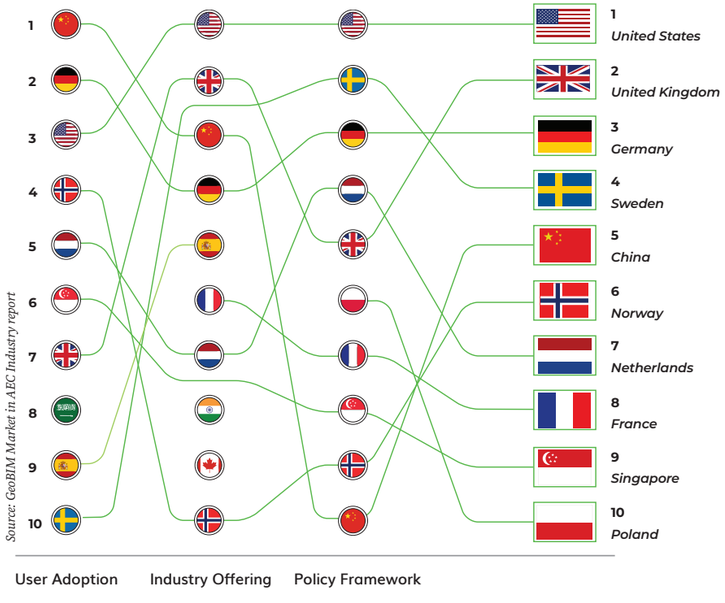
The GeoBIM Readiness Index (GBRI), a strategic tool based on the GeoBIM maturity model, provides qualitative and quantitative metrics about the implementation of GeoBIM solutions in **25 countries** around the world. Its **28 indicators** explore the broad vision of GeoBIM solutions in AEC industry, including technology provider sophistication, advanced utilization of integrated solution and policy environment.

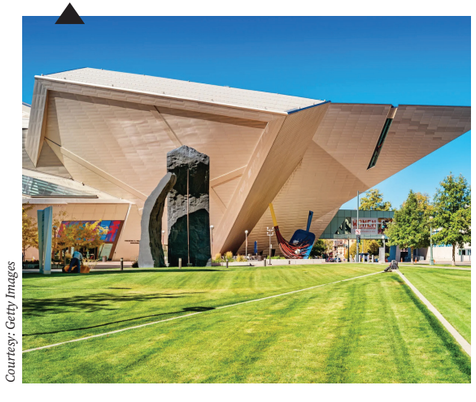
GeoBIM Readiness Index - Top 10 Countries



Source: GeoBIM Market in AEC Industry report

1 United States of America

- Home to **major revenue-generating and innovative construction software solution companies** in geospatial, BIM and 4IR technologies owing to the country's strong ecosystem capability to foster new technology ventures for the AEC industry
- The first country to implement the **National 3D-4D BIM Program in 2003** to provide support and resources for ongoing capital projects, and to incorporate 3D, 4D, laser scanning and BIM technologies across the construction lifecycle



Courtesy: Getty Images

2 United Kingdom

- Established its set of guidelines for BIM in the **'Government Construction Strategy 2016-2020'** for implementing fully collaborative 3D BIM on centrally procured government construction projects, along with the implementation of BIM Level 2 in design and construction
- The gradual **transition of construction companies from Level 2 to Level 3 of the GeoBIM maturity curve** owing to noteworthy system integration and solution companies and subsequent policy mandates for BIM and subsurface infrastructure.

3 Germany

- Established Germany's **Road Map for Digital Design and Construction by the Federal Ministry of Transport and Digital Infrastructure (BMVI)** in 2015 which comprises of a guiding principle, a hypothesis, and a plan describing the 'Performance Level 1' for the use of BIM on construction projects.
- Construction companies operate between Level 2 and Level 3 of the GeoBIM maturity curve, with **notable adoption of GeoBIM solutions in the plan and design phase of the project lifecycle;** and modest adoption in construction and operations and maintenance phases.

4 Sweden

- **Attracted considerable investments in digital construction technologies,** particularly digital twins, for urban planning and design, architectural and structural design, modelling and simulation, and data management and integration across the construction project lifecycle.
- **Established a common strategy for digitalization for a sustainable built environment** – and subsequent efforts have been undertaken by the government to facilitate nation-wide BIM implementation wherein public organizations like Swedish Transport Administration have mandated the use of BIM from 2015.

5 China

- **Undisputed leader in implementing GeoBIM solutions (augmented by 4IR technologies) across the construction lifecycle** operating at Level 3, i.e. the most sophisticated level of GeoBIM maturity utilizing digital twin solutions, bidirectional mixed reality design, GPR solutions, immersive solutions (AR/VR), and additive construction (modular and prefab) across the construction lifecycle.
- **National BIM Policies implemented by the Ministry of Housing and Urban-Rural Development (MOHURD)** matured and adopted into the BIM lifecycle in the new 13th 5-year plan (2016-2020), where the adoption and growth of BIM is expected to be driven by the government policy and market requirements.