Autodesk and Esri Partnering to Advance Infrastructure Planning and Design

Autodesk and Esri have entered into a relationship to build a bridge between BIM and GIS mapping technologies. Together Autodesk and Esri plan to enable a broad range of industries to gain better context by visualising data of the man-made world, the environment, citizens and the networks that weave it all together.

For infrastructure owners around the world, both public and private, enabling BIM and GIS mapping software to more seamlessly work together will optimise their ability to plan, design, build and operate infrastructure assets saving time and money. Improving the integration of Esri and Autodesk software has the potential to decrease workflow times.

Autodesk and Esri plan to work together to better integrate their respective technologies, allowing industry professionals to synthesise information from both BIM and GIS to enable a more connected infrastructure. Benefits are expected to include unprecedented reductions in permitting through improved stakeholder engagement, more sustainable and resilient design through enhanced project insight, and reduced risk via improved end-to-end flow of materials, resource availability and scheduling during construction.

The world is expected to add 2.5 billion more people in the next 30 years, 70% whom will reside in urban areas, putting extraordinary pressure on already strained infrastructure resources and requiring an infrastructure spend of USD3.3 trillion per year. To meet these challenges, the public and private sectors must find ways to streamline the entire transportation and infrastructure building lifecycle. The planned improvements to the integration of Esri and Autodesk software will change the way we build our future. It establishes a readiness to Make Anything, Anywhere – with The Science of Where.

This vision was announced by Andrew Anagnost and Jack Dangermond at Autodesk's user event, Autodesk University, in Las Vegas, Nevada.

https://www.gim-international.com/content/news/autodesk-and-esri-partnering-to-advance-infrastructure-planning-and-design