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The Three Horizons



Now

Horizon 1 is 'the now' and how digital twins can be pragmatically applied today within the current industry constraints



Next

Horizon 2, then, is 'the next' and how practical steps can be taken to transition from current incremental improvements towards the new paradigm of Horizon 3



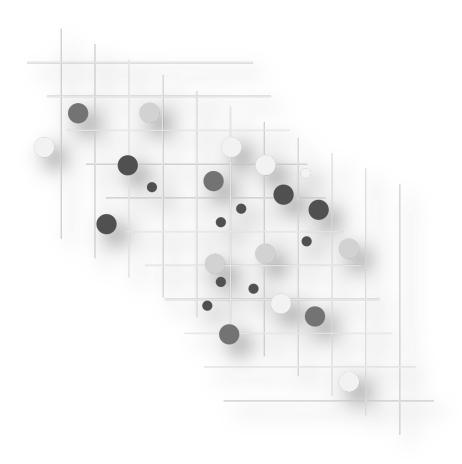
Future

Horizon 3 is focused on a desirable potential future – a new paradigm in which much greater connectivity between digital twins positively helps to improve outcomes in the industry and the environment.



Today's Format

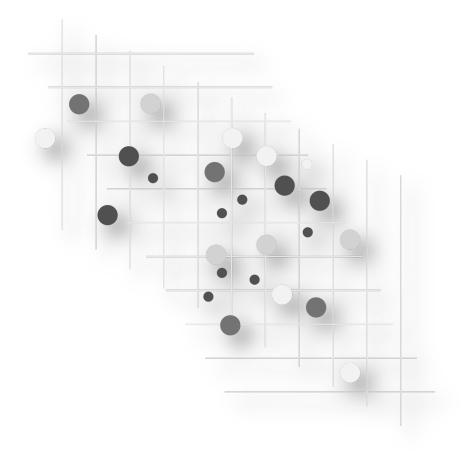
- 1. Questions and debate
- 2. Mentimeter poll





A definition

A digital twin is a digital representation of a physical asset. Linked to each other, the physical and digital twin regularly exchange data throughout the PBOD lifecycle and use phase. Technology like AI, machine learning, sensors and IoT allow for dynamic data gathering and right-time data exchange to take place



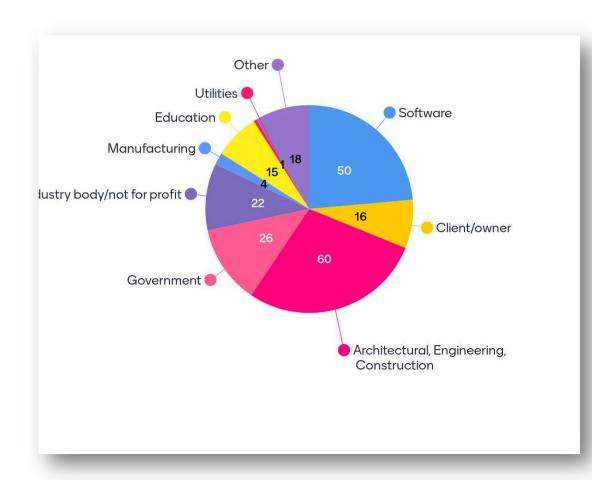
The Results

From the bSI Summit – 27th March 2023

215 participants LIVE

2234 total votes

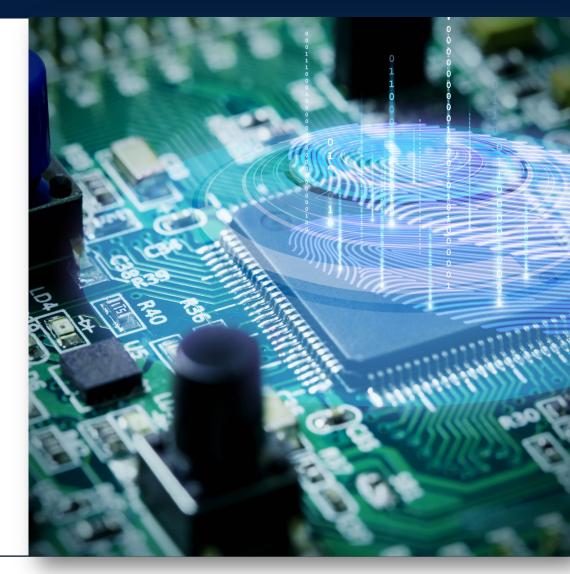
Word clouds added





1. Do we have an agreed definition of the term digital twins yet?

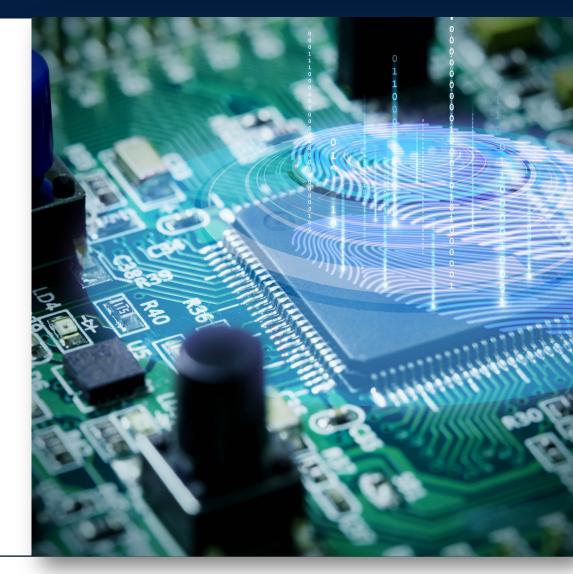
Is this causing any issue in the industry?





2. Are companies investing in Digital Twins?

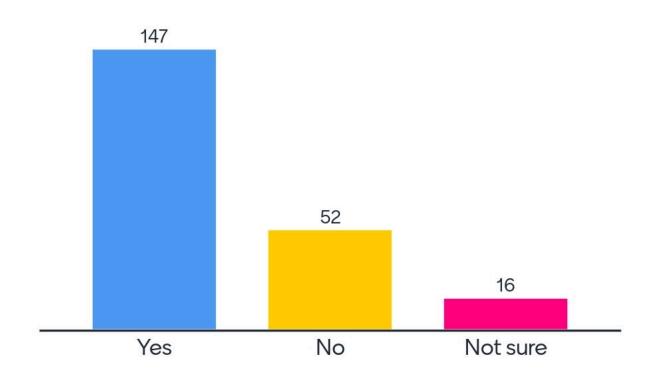
Do we think they are sizeable investments?







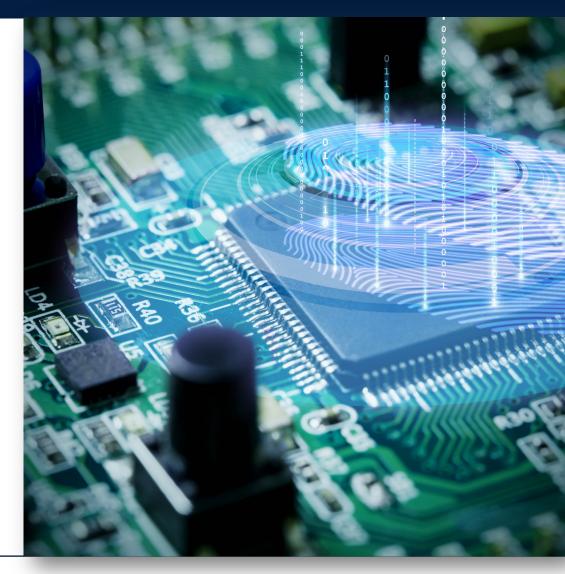






3. What are the main challenges we face in moving towards Horizon 2

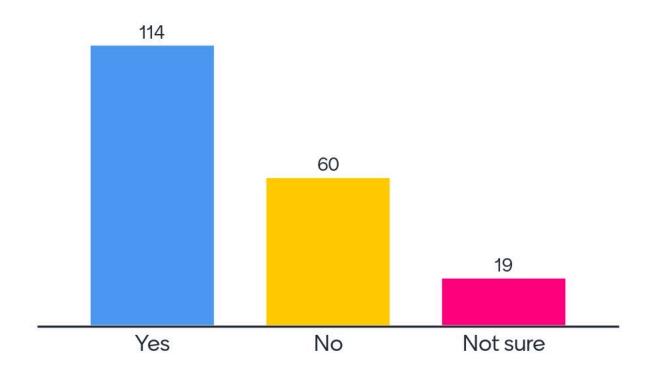
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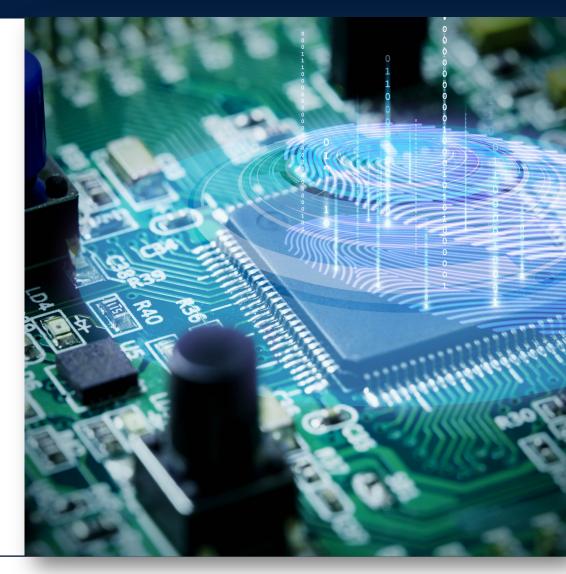
Is your company making sizeable investment or developments plans to support digital twins?





4. How does GIS help develop the future of digital twins?

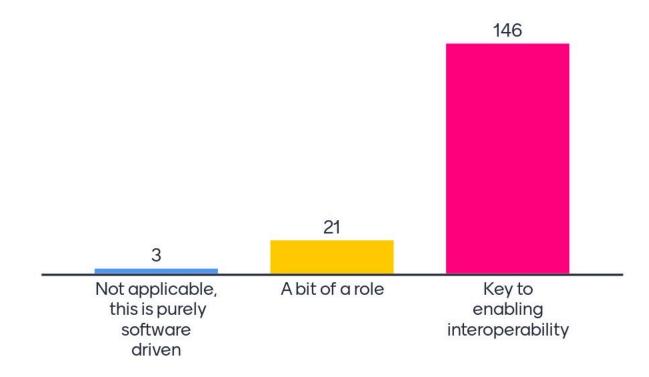
What about the future of Smart Cities?





What role do you see for standards with digital twins?

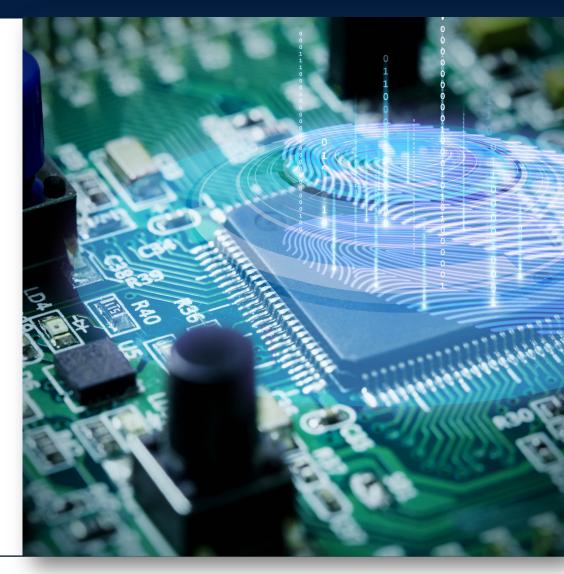






5. How can standards help in this topic?

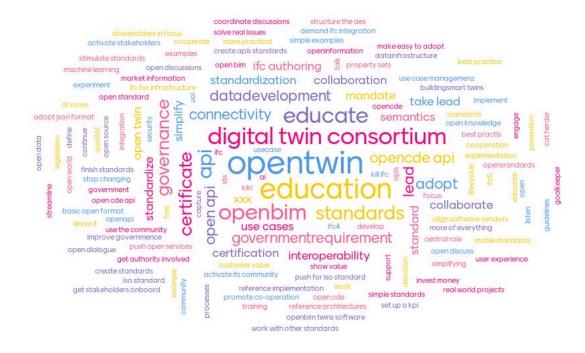
And partnership, like with Geospatial World?







How can building SMART accelerate the development of digital twins and progress towards the horizon 3 vision?



6. Open Discussion...

