



lendlease

'PROJECT DNA' INNOVATION

Why we used it...

- Since Oct 2012 there has been 219 reported falls of material report in the European region, this equates to an average of 27 incidents each year or one every two weeks. We wanted will change this....

What it is...

- Project DNA (drop nothing at all) is the holistic approach to preventing things falling on our project. It is predominately lead using technology to create a culture that we will not accept anything falling.
- DNA includes 35,712 individual nuts, washers, bolts, and brackets that could be dropped and planning how not to drop them through each strategy using BIM
- We also challenged manufactures to design parts with DNA in mind
- Gap analysis using BIM
- 4D planning

Was it Successful?

- We now have bolts unable to fall redesign cogs that tethers could be added to!

Our initial results:

- In Q3 and Q4 of 2020 there were a total of 5 reported incidents in relation to falls of materials
- In the first 2 quarters of 2021 there have been zero

The Next Steps...

- The biggest thing for Project DNA is ensuring that all the great things we are doing with BIM & the culture created gets out to other Lendlease projects
- We are looking forward to see what other components we could manufacture without the ability to fall

