

Cian Clancy

MSCSI MRICS MCI Arb

- ▶ **Senior Quantity Surveyor with 10+ years experience;**
 - ▶ **PQS:** Brennan Associates, KSN
 - ▶ **Main Contractor:** BAM
- ▶ **Qualifications;**
 - ▶ Professional Member of Society of Chartered Surveyors Ireland, Royal Institute of Chartered Surveyors and Chartered Institute of Arbitrators
 - ▶ BSc Construction Economics (WIT - 2010)
 - ▶ BSc (Hons) Quantity Surveying (WIT - 2012)
 - ▶ Pg.Dip. Construction Law & Adjudication (RGU - 2017)
- ▶ **BIM Experience:** Large Scale Retail, High Specification Commercial, Universities & Data Centres (UK & Ireland)



EXPERIENCE IN BIM IMPLEMENTATION

Project Appointment

- Not BIM mandated
- Reciprocal DT agreement to implement BIM due to size, nature & complexity of project
- Merits discussed – Client buy-in

Investment

- Software
- Training Courses
- Back-up Resourcing / Company Time for Validation

Test Run

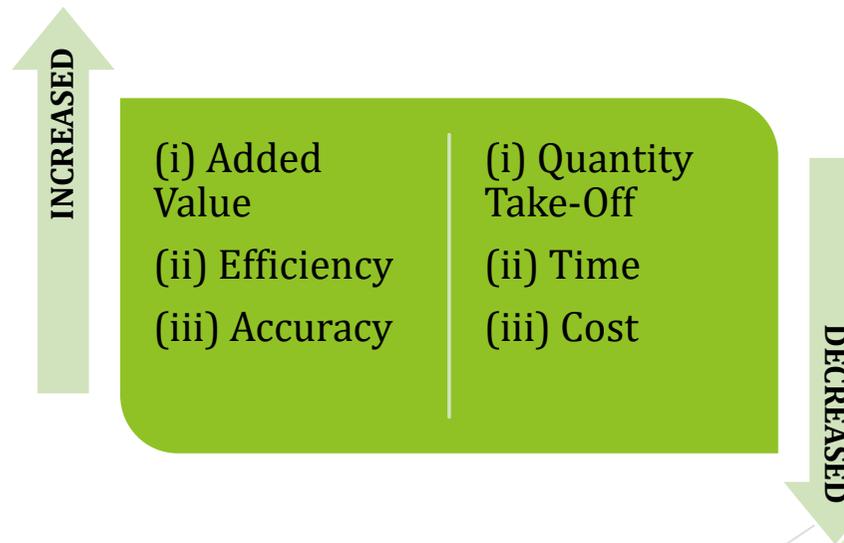
- Prepare BQ on c. €11m Retail Project (2D)
- Ditto via 5D,,,,,, on company time
- Eyes opened
- Practice!!!

QUICK WINS

COMPANY

- ▶ Added Value
- ▶ Improved / Additional Services Available
- ▶ Fluid Review of Quantities (one location – not flicking through large volumes of drawings)
- ▶ Efficiency (Optioneering!!!)

RESULT



OBSTACLES AND CHALLENGES

QS INDUSTRY

- ▶ Understanding Models
- ▶ Expectation (Push button = Full ARM BOQ)
- ▶ Faith / Scepticism in Models (Professional Judgement)

WORKFLOW / TRANSITION

- ▶ Change in Works Sequencing
- ▶ Hybrid of 2D & 5D (not all objects modelled – understanding the process)
- ▶ Validation (Tangible & Non-Tangible)