EVENT EIGHT

www.cita.ie

Operations and Maintenance Optimisation:
Proactive Responses to Equipment Performance and Predictive Maintenance through Digital Twinning

Why is digitising and optimising O&M an important skill to acquire in construction in 2024?

Technology today can provide a mirroring of a physical asset in the virtual sphere which can facilitate a constant flow of data between parties who manage facilities. Linking the construction model to an integrated workplace management system or building management system can provide for more seamless management of equipment and predictive maintenance functions. For operations and maintenance of both existing and newly built facilities, digital twins can utilise real time data to access the status of predicative maintenance, process optimisation and operator training. The adoption of new technologies requires O&M personnel to learn new digital skills, built on design and construction model information seamlessly utilised by asset owners and operators that allows staff to quickly access data to better manage their daily work.

What are the skills required?
Examples of technical and soft skills associated with Optimising O&M include:

Technical Skills
Information Management Standards
BIM Proficiency
CAFM systems
Integrated Workplace Management System
Digital Twinning
Sustainability Practices
Waste Reduction and Circularity
Domain Knowledge

Soft Skills
Communication
Planning
Negotiation
Collaboration
Innovation
Data Analysis and Reporting
Decision Making
Teamwork

Register at:
https://www.cita.ie/2024-events-schedule/
Contact CitA Team: admin@cita.ie

CitA

Skillnet