

PROJECT MANAGEMENT: UNDERSTANDING AND ADOPTING BIM FOR YOUR PROJECTS

From digital mock-up to digital twin

 **Dates and duration to be agreed upon**

 **Location to be agreed**

Please contact us for a personalised quote



OBJECTIVES

- Understand the fundamentals of BIM,
- Be able to start a BIM project,
- Initialise a BIM strategy and its implementation for Operations and Maintenance Management,
- Understand and embrace the project management challenges of BIM and digital twins.



THE BENEFITS OF YOUR TRAINING

- Forhom mobilises the skills and expertise of its network of consultants and trainers, supporting numerous project owners in France and internationally in defining their strategy and implementing their BIM and digital twin projects.



TARGET AUDIENCE

- Project management.
- Site managers.



GOOD TO KNOW

Throughout the training course, particular attention will be paid to the major challenges of project management, to a greater or lesser extent depending on the context and the participants' expectations. For example:

- The use of modelling tools and viewers;
- Feedback from contributors.



EDUCATIONAL PROGRAMME

Module 1

The fundamentals of BIM What is BIM?

Definition of BIM, BIM project organisation, Documents governing BIM strategy and process, Tools required for BIM implementation (modelling software, viewers, collaborative platforms). BIM project workflow Implementation of the BIM strategy, Drafting of documents governing the BIM strategy with points to note (platform, BIM management, BIM objectives, LOD, codifications), Consultation with companies integrating the BIM process, Implementation of BIM deliverable controls.

Handling BIM software

Ateliers de manipulation de la maquette numérique dans des viewers :

- Navigation dans l'espace,
- Recherche d'objets et de propriétés,
- Recherche de documents liés,
- Extraction de données significatives.

Ateliers de manipulation de la maquette numérique dans des outils de modélisation:

- Navigation dans l'espace,
- Recherche d'objets et de propriétés,
- Recherche de documents liés,
- Extraction de données significatives.

Module 2

BIM once the structure has been built. BIM during operation and maintenance

- When to implement the BIM GEM strategy?
- Choosing BIM objectives for operations and maintenance,
- Adapting the BIM strategy,
- Auditing skills, processes and tools,
- Moving towards the digital twin?
- What is the digital twin?
- Definition of the digital twin, boundaries between BIM GEM and the digital twin,
- Challenges of the digital twin,
- Digital twin environment,
- Advantages and disadvantages of the digital twin.
- The digital twin in operations and maintenance
- When to implement the digital twin strategy?
- Choose BIM objectives for the implementation of a digital twin,
- Adapt the BIM strategy,
- Audit your skills, processes and tools,
- Train and support change.



Prerequisites : Have held or currently hold a position related to the training topic.