



**Duration:** 2 Days

**Prerequisites:** Before attending the course the user should have attended the BIM implementation training and have some experience with BIM authoring software such as Revit, or be attending with a delegate and willing to partner when reviewing the technology aspects of the course.

**Course Outline:** This is an industry unique course which is designed specifically for modelling teams such as information originators and supply chain who want to publish library content and develop the model. Throughout the 2 days the user will understand what model progression strategy is, i.e. LOD and LOI, what different standards exist and how to develop library objects. The course will also review the project information model progression.

**Course Format:** The course is a hands on workshop using BIM authoring technology (Revit) to develop models, but also provides an overview on strategy development and how this ties into BIM Execution Plans.

**Overview**

1. Introduction to model progression.
2. Review of the different standards, i.e. international LOD and UK based.
3. Industry toolkits.
4. Technology tools and considerations.
5. Using external vendors to develop library content.
6. Definition of model progression via EIR and BEP delivery.

**Technology Aspects (Revit, SOLIDWORKS, Inventor\Fusion 360, Navis Works)**

1. Model development and progression in authoring software.
2. Model ownership, responsibility and transfer.
3. Library content creation.
  - a. Challenges faced with library generation.
  - b. What exactly needs modelled and limitations.
  - c. Manufactured objects from mechanical software to Revit.
  - d. Replacement of placeholder information from specialist software.
  - e. Development of components from first principals.
  - f. Adding in COBie information.
  - g. Adding in additional manufacture information.
  - h. Export to IFC.
  - i. Validation and quality checking.
  - j. Development of library content for NBS and publishing.
4. Project Information Model LoMD progression.
  - a. Development of workflows in accordance with L2.
  - b. Change of specialist supply chain parts.
  - c. Fabrication development.

*Please do not hesitate to contact us for registration and further information*

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