

## BIM Implementation Strategy for the next 24 months

### KPI's

- **Development of BIM Strategy**
- **Development of BIM processes and standards**
- **Training of staff in the use of BIM**
- **Driving Virtual (Global) BIM team**

### Target

- Within 2 years be fully functional and standardized across all offices to BIM Level 2 with the objective towards Level 3 which is Project/Client driven. Level 2 is where separate disciplines create their own models, but all project data is shared electronically in a common environment whereas Level 3 is a fully open and integrated process with models shared between the project team on a web-enabled BIM hub.
- The UK, Australia, Middle East and USA government's target for 2016 is BIM Level.

### 3 months - Where are we currently with regards to BIM

- Review all current BIM standards
- BIM Global Leader to inform all offices of the BIM implementation goals.
- Confirm the status of BIM progress.
- Contact relevant discipline leads from all offices to ascertain how we are currently working within the BIM environment.
- Obtain contact names for all offices and discuss the BIM goals.
- Confirm the Current BIM champions/Gurus within each Region for each discipline.
- Determine which software is currently being used over the disciplines in all offices
- Project File Storage – Arrange a meet with Autodesk and IT to ascertain the best Shared File Server option with Cloud options possibly being the way forward – Autodesk BIM 360 Glue, Autodesk 360, Vault, Buzzsaw and Office 365.
- Test Autodesk 360 on live projects.
- Determine what Autodesk Software is available for BIM.
- Attend BIM Conference 2014 in London.

**Outputs** – List of BIM champions, software usage and BIM usage  
Report on current BIM standards and confirm usage for Projects for each country  
Report on Autodesk 360 Testing

### 6 months

- Review programme of outputs
- Arrange follow up meeting with Autodesk and IT to assess developments in Shared File Server options - Autodesk BIM 360 Glue, Autodesk 360 etc.
- Appoint Lead BIM coordinators to all major design technical disciplines who are responsible for implementing the BIM execution plan and Company-wide Standards.

- Review deliverable requirements for key clients and confirm if specific software is required.
- Standardize discipline templates, families and document procedures.
- Create a BIM Execution Plan to be used in all offices.
- Determine what Add-ins and free software are available. (Autodesk Design Review, Solibri Model Checker and Tekla BIMsight, etc)
- Determine the system requirements to effectively run the required software.
- Understand the Cyber Security implications in BIM and implementing the Cyber security strategy. Liaise with IT.
- Assess required training, in-house training versus external training.

**Outputs** – List of BIM coordinators. Virtual (Global) BIM team  
 List of key clients and specific software and BIM requirements  
 BIM Execution Plan  
 Formalize preferred Shared File Server option.  
 Training Plan

### 12 months

- Review programme of outputs
- Review discipline templates, families and document procedures.
- Project File Storage – Arrange a meet with Autodesk and IT for updates to Shared File Server options.
- Coordinate with BIM coordinators to review BIM Execution Plan, Training and Software Usage.
- Assess where the Virtual (Global) BIM team are with regards to achieving BIM Level 2 in all offices

**Outputs** – Report with KPI measurement  
 Report on BIM Execution Plan, Training and Software Usage  
 Report on development towards achieving BIM Level 2  
 Undertake small to medium size project using BIM Level 2 process (trial)

### 2 years

- Review programme of outputs
- Arrange follow up meeting with Autodesk and IT to assess developments in Shared File Server options and other Autodesk software including new add-ins.
- Ongoing review of BIM procedures, software, training, Cyber Security implications and BIM Execution Plan.
- Assess the industries commitments towards reaching BIM Level 3 and requirements to achieving BIM Level 3.

**Outputs** – Report with KPI measurement  
 Report on BIM procedures, software, training, Cyber Security implications and BIM Execution Plan.  
 Undertake all projects (where required) using BIM Level 2 process  
 Report on **successfully** achieving BIM Level 2 within the Virtual (Global) BIM team  
 Report on BIM Level 3