

## Building Information Modelling (BIM)

September 2017

In addition to the UK Government's minimum requirement of achieving BIM Level 2 in construction projects, John Innes Centre are keen to build a Building Information Model to be used as a design, construction and future asset management tool. This will allow JIC to optimise the initial capital costs of the buildings, cost future building adaptation, and manage risk and performance over the whole asset lifecycle. The BIM service should be derived from recognised industry standards developed with BS 1192, PAS 1192 and BS 8536 and make be compatible with wider industry information, for example BSRIA (BG 56/2016) 'Model Format for Building Services Specifications', and recommendations by the British Institute of Facilities Management for integration of BIM.

To achieve this, a BIM Coordinator & Information Manager (within the MDT appointment) is required to develop a BIM Execution Plan (BEP) to cover RIBA Stages 1-6 of the design and construction. The BEP should demonstrate how an integrated approach can be adopted across project disciplines and encompass the following areas:

- Project Information
- Project Roles and Responsibilities
- Use / Information Requirements
- Data Requirements – including the organisational and asset information requirements
- Collaboration Strategy
- Quality Control
- Technological Requirements and establish a Common Data Environment (CDE)
- Model Structure
- Project Deliverables

The above list is not exhaustive and will require further development.