

## **February 2015 South BIM Hub Workshop Notes by Allister Lewis**

Below is a summary of the responses to the 8 documents:

### ***PAS 1192-2 – Specification for information management for the capital/delivery phase of construction projects using building information modelling***

- Document is a roadmap of BIM processes
- Applies to everyone involved in a project
- Relies on BS1192:2007 Collaborative Production of Architectural, Engineering and Construction Information
- Good as a single point of Reference for BIM Level 2
- Was not considered clear and easy to understand – requires a concise summary
- Common Data Environment is vital to BIM process
- Document is vital to BIM!

### ***PAS 1192-3 Specification for information management for the operational phase of assets using building information modelling (BIM)***

- Defines a framework of what is required post construction and Asset requirements
- Document reveals that Asset management conversations need to be brought forward into design and construct phases
- Used by clients to inform Employer Information Requirements (EIRs). This means that FM teams should be involved
- Document was criticised for lots of jargon without giving detail
- Stimulates questions and things to look at rather than answering them
- Relies on [PAS 55](#) / ISO 5500

### ***BS1192-4 Collaborative production of information Part 4: Fulfilling employers information exchange requirements using COBie – Code of practice***

- Structured asset information output for a scheme
- Data from design to management, full life cycle embedded into process
- Difficult to relate items to codes of systems for COBie
- Relies on all other PAS documents
- COBie is lowest denominator for asset information (i.e. an Excel spreadsheet)
- It does give structured information
- But is complex and difficult to understand
- It was questioned whether it get widely adopted?

### ***PAS 1192:5 Specification for security-minded building information management, digital built environments and smart asset management” is currently in development***

- This is a pragmatic, holistic, risk management document primarily looking at security
- Not just about protection of the digital data
- Looks at systems as well as people process and facilities
- It is for everyone (covers nuclear and data centres down to small projects with no specific security needs)
- Makes people think about security even if they are not working on big secure conscious projects

- References other pillars especially part PAS 1192-2 and 3
- PAS 1192-2 & 3 now need to be revised to reference PAS 1192-5
- Need to manage security and be aware of neighbouring security
- BIM is good for good people but could also be good for 'bad' people if data not controlled and secure
- Scalable for projects

### ***CIC BIM Protocol***

- Contractual definition of roles and responsibilities
- Addendum to existing contract forms
- Works as a template and needs sections filled in
- Attached to any client BIM contract (for design team)
- Not widely used within the room to date

### ***Government Soft Landings***

- Directional document from constructional design to operation
- Gives aims of what should be done but doesn't say how
- It is about engaging client in design and construction stages of project to secure positive outcomes
- Making sure client gets benefit from the BIM process
- Need to engage FM / maintenance earlier on
- Being put into a [BS8536](#) Facility Management Briefing – Code of Practice

### ***Digital Plan of Works (DPoW)***

- Work plan for all involved in project defining who should do what, when and at what stage
- Clear map of project information
- For models and information
- It will validate info is there but not validate if it is right.
- FREE tool!
- Links to RIBA DPoW

### ***Classification***

- Based on Uniclass 2
- New classification system for BIM information
- Dictionary for BIM to enable easy filing and sorting of information
- Classification for all disciplines