THE ULTIMATE
BIM SUMMIT

In partnership with
bre
BIM: Walk Before We Can Run

Jonathan Hewitt
Director - Hewitt Consult Limited /
BRE Associate
BIM: Walk Before We Can Run

Presenter Information

Jonathan Hewitt
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May 2011

All Central Funded Government Projects will be delivered inline with BIM Level 2 from April 2016
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Level 0 | Level 1 | Level 2 | Level 3
---|---|---|---
CAD | 2D | Architectural | Lifecycle asset management
3D | BIMs e.g. | Structural | IFD
| IFD | Building | IFC
| ISO BIM | Services | © 2008 / 13 Bew-Richards
| User Guides CPIC, Avanti, BSI

Drawings, lines, arcs, text etc. | Models, objects, collaboration integrated, interoperable data

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Brought to you by BRE UK CONSTRUCTION WEEK: 2018

9-13 OCTOBER / INE / KINGSBURY LONDON

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2 Years On.....

How many past and current projects has your organisation been involved in that use Level 2 BIM?

- 2016: 0%
- 2017: 10%
- 2016: 20%
- 2017: 30%
- 2016: 40%
- 2017: 50%

Categories:
- None
- 1 - 3 only
- 4 - 10
- 10 or more
- Other
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2 Years On.....

<table>
<thead>
<tr>
<th>Requirement</th>
<th>Percentage</th>
</tr>
</thead>
<tbody>
<tr>
<td>We ask for Level 2 BIM as a contractual requirement on 100% of our projects</td>
<td>30%</td>
</tr>
<tr>
<td>We ask for Level 2 BIM as a contractual requirement on most projects (over 50% by number or value)</td>
<td>20%</td>
</tr>
<tr>
<td>We ask for Level 2 BIM as a contractual requirement on some projects (under 50% by number or value)</td>
<td>10%</td>
</tr>
<tr>
<td>We ask for BIM, but our requirements will be below Level 2</td>
<td>5%</td>
</tr>
<tr>
<td>We ask for BIM, but our requirements will go beyond Level 2</td>
<td>3%</td>
</tr>
<tr>
<td>We do not make BIM a requirement on our projects, although teams are free to use it</td>
<td>5%</td>
</tr>
<tr>
<td>Other</td>
<td>2%</td>
</tr>
</tbody>
</table>
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BIM Level 2 Benefits

- Improved Carbon Performance
- Increased Collaboration
- Predictable Planning
- Cost Reduction
- Reduce Risk
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Evidence of BIM Level 2
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BIM Maturity

Everybody else Start Here

Clever stuff/people

Level 0  Level 1  Level 2  Level 3

BIMs e.g.

IFD  IFC

IDM  ISO BIM

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iBIM

BIM Summit

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CAD

Drawings, lines, arcs, text etc.

Models, objects, collaboration integrated, interoperable data

Lifecycle asset management
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Production Information

Achieved 10% saving!
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Avanti Programme

Department of Trade and Industry

ICT-enabled collaborative working
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Avanti Case Studies

PalaceXChange

Achieved 10% saving!

St Helens & Knowsley Hospital

Achieved 10% saving!
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BS 1192:2007 Collaborative production of architectural, engineering and construction Information – A code of practice
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BIM Maturity Model
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BS 1192:2007
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BS 1192:2007 – The 5 Basics

- Common Data Environment
- Naming Convention
- Status & Revision Codes
- Layer Naming
- Origin & Orientation
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END
For further information:

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