

Data Management

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GEOTECHNICS
geotechnical and geoenvironmental specialists

New initiatives

- Grouting
- Piling
- Publish revised Digital Data Format document each year
 - AGS 4.0.3.....4.0.4.....4.0.5.....

BIM Level 3



HM Government

Digital Built Britain

Level 3 Building Information Modelling - Strategic Plan



Actions - Technical

1. Level 3 A (Enabling Improvements in the Level 2 Model)
 - a. Technical systems to enable requirements documentation and integrated working (in sector interoperability)
 - b. Technical systems to enable e-Planning and e-Regs
 - c. Complete the scope and package work for IFC data definitions
 - d. Complete the scope and package work for MVD process definitions
 - e. Update Level 2 dPoW system to support MVD process definitions
 - f. Define and deliver security capability and guidance
2. Level 3 B (Enable new technologies and systems)
 - a. Complete the scope and package work for UML (simple interface) definitions
 - b. Define and deliver Internet of Things data and process standards
 - c. Create and integrate common "apps" store capability with cross sector teams
 - d. Improve electronic survey capabilities and services for existing structures above and below ground
 - e. Deliver geotechnical capabilities
 - f. Complete tools and controls for "infrastructure" development and operation
3. Level 3 C (Enable the development of new business models)
 - a. Update Level 2 Classification system to support semantic web
 - b. Data streams and telemetry integration
 - c. Integration of security measures and protocols
 - d. Advanced analytics and algorithms
 - e. Integration to paperless contracts
 - f. Integration to people based security
 - g. Integration across associated sectors
 - h. Development required for Semantic contracts (including provenance)
 - i. Establish and deliver methods to publish outcomes to data.gov
 - j. Establish cross-sector interoperability requirements
4. Level 3 D (Become a world leader)
 - a. Deliver "English" language dictionary and ontology framework and methods
 - b. Provide international Internet of Things Standards

'Deliver geotechnical capabilities'

February 2015

Seminars

- Geotechnica - July 2015
- BDA 'Digital Data in Geotechnics' - October 2015