

On behalf of the Office of Government Procurement who is co-ordinating this consultation process we thank you for taking the time to participate in this consultation on the development of a BIM Adoption Strategy for the Public Sector.

Please note that all responses received by the Office of Government Procurement will be published within one month of the deadline for receipt stated below.

Fields highlighted in yellow with bold text indicate a mandatory response, all others are at the discretion of the respondent. If mandatory fields are not completed the response may not be considered.

Responses to be emailed to publicworkscontractsreview@per.gov.ie by close of business on **Thursday, 13 April 2017**.

SECTION A – Respondent’s details

Name:	Robert Moore, robert.moore@GGDA.ie
Select the sector title that best describes your area of work:	Other Client BIM/Information Manager
Indicate whether the views expressed are those of a business, organisation or are in a personal capacity:	Organisation 20 staff and 10 contractors
Do you work in the public or private sector?	Public Sector Grangegorman Development Agency

SECTION B – Response to structured questions

Q1.	Does your organisation already have BIM policies/protocols/procedures?
	Yes, the organisation have started to develop BIM SMP (Standard Methods and Procedures)
Q2.	Has your organisation invested in BIM software?
	Yes, we have Autodesk suite licenses and will be looking at a model checking software in the future, but we still need to invest in a CDE
Q3.	Has your organisation a dedicated BIM manager?
	Yes, I am the dedicated BIM resource
Q4.	Please outline the obstacles that exist to the successful adoption of BIM in your own organisation

No supported processed to developed SMP (Standard Methods and Procedures) to align with the CWMF

Changing staff culture to using the SMP (Standard Method and Procedures)

Q5. Please outline the obstacles that exist to the successful adoption of BIM in the construction sector

As a client, we feel like the AEC want to charge us three times for BIM;
They want their staff to train “on the job” at the client’s expense.
They expect the efficiencies that BIM bring to their processes in projects in construction phase but don’t really deliver any operational efficiencies.
And they want extra fees for producing information in BIM or as we see it, producing work right first time.
The larger companies in the supply chain are just getting on with it, but SME still want to charge extra, this needs to stop, and managed information should be expected and not an extra.

SECTION C – Response to Position Paper – respondents may wish to provide the response to this section in a separate document, this should be attached with this response and sent to the email address above.

Over all this is a very good document and should be welcomed.

I think section 2.2 and 2.3 are very appropriate.

'BIM Level 3 signifies full collaboration by the project team members and anticipates the use of a single BIM model held by all project team members to access, use and modify at any time within a centrally held Common Data Environment.'

This level 3 definition focuses on the construction, BIM level 3 is more about lifecycle and accessibility of data by machine. I think level 3 and Level 3 elements such as IFC should not be in the document. The mandate should be about collaboration/process standards and not exchange standards. The mandate should be based on a minimum requirement.

Level 0: Unmanaged CAD typically 2D, with paper (or “digital ink”) exchanged between participants.

Level 1: Managed CAD in 2D or 3D using BS1192:2007 with a common data environment.

Level 2: Managed 3D environment using separate discipline “BIM” tools with attached data

Level 3: iBIM or integrated BIM potentially accessing all available data forms, adding value in operation and supported by open standards.

(<https://bimportal.scottishfuturetrust.org.uk/page/what-is-bim>)

I would also propose BIM level 1 mandated for all projects in 12 months,

'Note 2: Contracting authorities should adopt BIM Level 1 requirements before the adoption strategy requires Level 2 to be applied to their projects.'

This is very important as organisations need to be a minimum of level 1 to maintain level 2 information, i.e. information procured at level 2 will quickly revert to BIM level 0 if no structures are in place to manage the level 2 information.

Having a minimum of level 1 in 12 months also prevents organisations managing BIM Level 2 and BIM level 0 information for 48 months till band 5 catch up

'CWMF will be augmented to incorporate the necessary documentation,' This is critical, the government need to insure that the CMWF can be align with level 2 BIM, as defined by the UK government and publish guidance on how level 2 bim can be achieved for the irish mandate.

I think private interests need to be outside of public interests and not referred to in this document, private projects do not use the CMWF, the focus should be on government value for money and if this is transferable to the private sector well and good.

The mandate will have to transfer from UK government documents to ISO 19650 on the release of the ISO. This could lead to confusion as only BS 1192 (CDE only, naming convention not covered in the ISO), PAS 1192-2 and PAS 1192-3 are covered in ISO 19650, but there are other additional documents that make up the UK BIM Level 2.

'1) to ensure that public bodies invest the necessary resources to adopt BIM in line with the strategy'

The government needs to assist public organisations that want to change with resources (BIM dedicated roles), hardware, software, and guidance like SMP (Standard Methods and Procedures), and have the authority to sanction public organisations that do not endeavour to change.

There needs to be a strategy on what CDE is to be used and there might be an opportunity for a National repository that could save on each public organisation procuring CDEs.

Topic 9 (limited to 3000 characters)

Topic 10 (limited to 3000 characters)