

Closing address

Where do we go from here?

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What will AGS5 look like?

- AGS data should be the primary deliverable from the GI
- Factual 'report' should be a secondary 'view' of the data

Also...

- Allow new delivery formats, e.g. Json

GI process / GI reporting

- GI process – too slow
- Geo/GI reporting – old fashioned
- Use data and technology to improve the process and the reporting
- Specifiers – rethink what we want



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Ground models

- Creating/sharing models – great, but...
- We need to communicate:
 - What does the model represent?
 - How has it been generated?
 - Uncertainty
- AGSi (interpretative) under discussion
- 3D volumes – the future?

Construction data

- Piling data transfer
 - In draft (AGS/FPS) – contact me (via AGS)

BDPH	Bored pile / wall details with depth				Include prebore dia	
	Remarks	For a bored pile (incl CFA, also d-wall). Record of what the final pile looks like (except for reinforcement which is in a separate table - although we should perhaps look at a way of better linking these tables).				
Group Name: BDPH - Bored pile / wall details with depth						
	Status	Heading	Suggested		Description	Example
	*	ELEM_ID		ID	Pile/wall element reference	P001
TOP	*	BDPH_TOP	m	2DP	Depth of top of reported section	0.2
BASE	*	BDPH_BASE	m	2DP	Depth of base of reported section	5.5
RELV		BDPH_RELV	m	2DP	Elevation of reference datum	16.23
RDTM		BDPH_RDTM		X	Description of reference datum	Top of casing
EDIA		BDPH_EDIA	mm	ODP	Diameter of bore / outside of casing	1020
CDIA		BDPH_CDIA	mm	ODP	Diameter of concrete section	900
CAS		BDPH_CAS		X	Description of permanent casing / sleeve	Double sleeve
DETL		BDPH_DETL		X	Additional construction details	Grouted annulus
REM		BDPH_REM		X	General remarks	
		FILE_FSET		X	Associated file reference (eg piling record sheet)	PR-P001

BIM interface – IFC?

Consider for 'geo' IFC:

- GI - but no duplicating AGS
- Ground models (link with AGSi?)
- Improve for other geo construction (e.g. earthworks)
- Engage with buildingSMART

Monitoring

- “Evidence based design”
 - ‘Smart’ buildings / infrastructure
- Are we getting full value out of our monitoring data?
- Use / improve AGS transfer format
- Industry needs to ‘up its game’

Future trends?

Value
of 'data'

Data driven
processes

Speed of
delivery?

Ground models –
towards full 3D?

Field
capture

Construction
'data'

Geo/BIM
interface (IFC?)

Asset
'data'

Monitoring (smart
buildings/ infrastructure)

Thank you

- All of our presenters
- Session chairs
- Jackie Bland, Roger Chandler
- AGS Secretariat
- NMM staff