Coordination of development

buildingSMART Nordic
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Senior advisor BIM support

South-Eastern Norway Regional Health Authority

Chair ISO TC 59/SC 13 Organization of information about construction works

Chair buildingSMART International User Group - Member buildingSMART ExCom

Member CEN BT WG 215 BIM

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Large number of initiatives

- US: COBie
- UK: COBie UK / BSI 1192-4
- US: Spie   http://www.nibs.org/?page=bsa_infoexchange
  - BIMSie
  - BAMie
  - BPie
  - SPARKie
  - HVACie
  - LCie
  - QTie
  - WALLie
  - WSie
- UK: Spie

Large number of initiatives

- US: LOD project "Putting attributes together"
- NO: FMie
- NO: RLOM /RLSM
- NO: Cobuilder based on EU regulations
- NO: BIM Guidelines
- UK: Digital plan of work
- SV: fi2XML
- DK: CCS Cuneco Classification System
- ISO NWI 81346-12   Industrial systems, installations and equipment and industrial products — Structuring principles and reference designations — Part 12: Buildings and building services ISO/TC 10/SC 10/WG 10
- Veterans administration BIM Object element matrix
- NATSPEC BIM Object-Element Matrix v1.0 Sept. 2011

Large number of initiatives

buildingSMART

- P03 Real life object mapping
- P04 Data Dictionary Enabler - Product room product templates
- P09 Integration of Ifc and bSDD

All those initiatives seems to adress more or less the same challenge:

- To harmonize use of objects and properties
- And to relate them directly to real life objects and their properties

Forces should be joined in order to get the job done and to secure that it is coordinated and done in the same way.

	COBie US	COBie UK	SPie US	SPie UK	EU regulation (Cobuilder)	US ie +1	US ie +2	ME
External door								
IfcDoor								
Pset_DoorCommon.IsExternal: TRUE								
IfcXXXX.name								√
IfcXXXX.Description								√
IfcXXXX.ObjectType								√
IfcXXXX.Tag								√
IfcXXXX.PredefinedType								√
Property 1								√
Property 2								√
Property 3								√
Property 4								√
Property 5								√
Property 6								√
Property 7								√
Property 8								√
Property 9								√
Property 10								√
Property 11								
Property 12								
Property 13								
Property 14								√
Property 15								√
Property 16								√
Property 17								
Property 18								
Property 19								
Property 20								
Property 21								
Property 22								
Property 23								
Property 24								√
Property 25								√
Property 26								√
Property 27								√
Property 28								
Property 29								
Property 30								
Property 31								
Property 32								
Property 33								
Property 34								
Property 35								
Property 36								√
Property 37								√
Property 38								√
Property 39								√
Property 40								√
Property 41								
Property 42								
Property 43								
Property 44								

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