

buildingSMART Norge Konferansen 2016

2016-04-21

Joint statement open BIM

1. juli 2016 er her snart.

Er vi klare?

Kjell Ivar Bakkmoen, Sykehusbygg

Øystein Graffer, Statsbygg

Sigurd Wirstad, Forsvarsbygg

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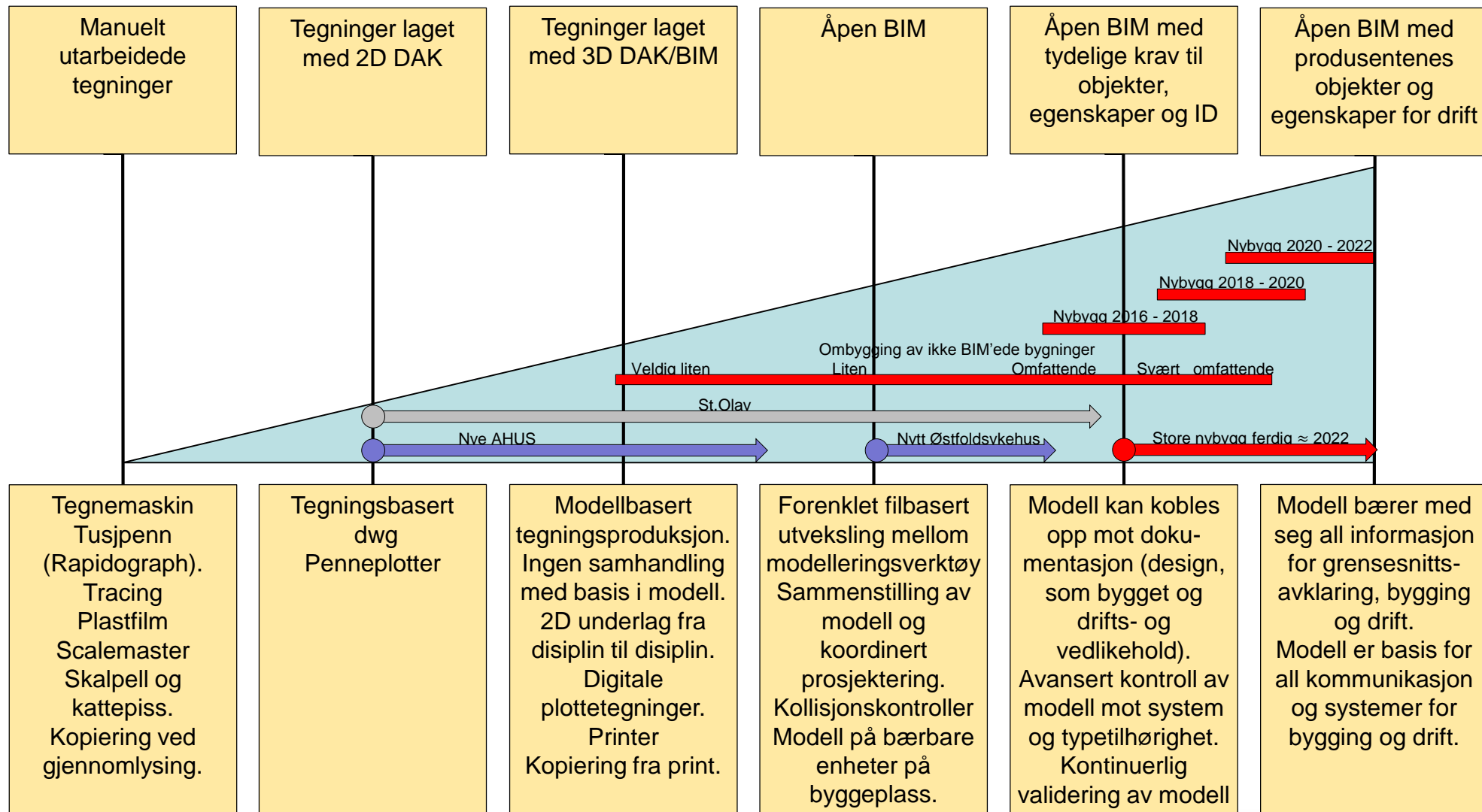
Ja, men er dere?

Kjell Ivar Bakkmoen, Sykehusbygg

Øystein Graffer, Statsbygg

Sigurd Wirstad, Forsvarsbygg

BIM Status og utvikling



Krav om BIM og IFC

- Support complete interoperability Based on Open BIM
- Certified in the latest official version of open international format like IFC (ISO 16739) and buildingSMART International official IDMs and Model View definitions
 - IFC4 / ISO 16739
 - Original modell med IFC4 innhold
 - Riktig IFC4 eksport
 - IDM/MVD
 - Design transfer view
 - Reference view
 - Certified

JOINT STATEMENT – openBIM

Background

Our organizations have already implemented open international buildingSMART standards in our new building projects. We consider this to be the most future oriented solution for the building industry. Open standards, based on user-driven development of technology, gives the possibility to achieve seamless data exchange between all domains through the whole project/building life cycle. Based on this, our organizations have chosen buildingSMART's openBIM standards as the foundation for exchange (export, import), storage and process of the Building Information Model. We consider the adaptation of open international standards as crucial in order to achieve the goals we have set for our organizations.

Intent

We consider predictability as a major value in our business development plan, and we want to give the building industry a clear understanding of our intentions.

Within 1st of July 2016 we will demand that all software used in our projects in order to create, edit, store or process data from the Building Information Model, shall support complete interoperability, by communicating and sharing building information based on openBIM. This software shall be certified to export, link and import all information in the latest official version of open international format like IFC (ISO 16739) and BuildingSMART International official IDMs and Model View Definitions.

Open Signatory Process

Our intention is to add new signatories to this public statement. Signatories are intended to be other construction clients and building owners in Norway. New signatories must approve this public statement and must be accepted by all the existing signatories.

Annual Review

We expect the signatories to conduct an annual review of this Public Statement and revise it - based on consensus - according to new developments, as openBIM is rapidly evolving.

The following signatories agree with the intentions of this Public Statement.

Date: 26.02.2013



Peder Olsen
Chief Executive Officer (CEO)
South Eastern Norway Regional Health Authority

Krav om BIM og IFC

- What's next

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STATSBYGG SOM BYGGHERRE

- Planlegger/Kvalitetsikrer/
Budsjetterer/Styrer
- **160 byggeprosjekter** i gang over
hele landet årlig
- Stor variasjon i størrelse og omfang
(Nytt Regjeringskvarteral - små
ombygninger)
- Første test på åpen BIM i
byggeprosjekt 2005/2006 (HITOS)
- Har stilt krav til bruk av åpen BIM i
alle byggeprosjekter siden 2011



Den Norske Opera, Ark.: Snøhetta

ÅPEN BIM STATEMENT (OFFENTLIG BYGGHERRER 2013)

- Vi støtter selvsagt fremdeles Joint Statementet fra 2013 med bruk av den kommende IFC4, selv om tidsfristen ikke ser ut til holde.
- Vi kommer ikke til å kreve IFC4 fra 1. juni for alle våre prosjekter, prosjekter som er i gang vil sannsynligvis ikke gå over til IFC4 uten at dette er grundig vurdert av oss i samarbeid med de enkelte prosjekter.
- Vi vil vurdere fortløpende muligheten for å teste ut IFC4 (selv uten «ferdig» sertifiserte programmer) i en eller flere av våre kommende prosjekter.
- Vi er med på å støtte det kommende «SAC IFC Development Initiative», som har til hensikt å bedre IFC import/eksport for de forskjellige CAD/BIM programmene

2013:

- Norske byggherrer med et felles BIM statement med ifc-4 krav med 3 års frist.
- BIM-leveransene og egenskaper som ikke er mulig å gjøre med ifc4 skal være godkjent av byggherre

2016:

- Ingen ifc4-sertifiserte programvare i handel
- Ingen rådgivertjeneste med ifc4 sertifisert programvare å kjøpe tjenester fra

Forsvarssektorens eiendomsekspert

VI BYGGER FORSVARSEVNE
HVER DAG

2016



Intern og ekstern rådgivning:

- Kontrakter bygd på NS
- Beskrivelse-Tegninger-Modell

Digitalisering og samhandling:

- Samhandlingsrom
- Programvare med åpen internasjonale standarder som brukerne behersker

