

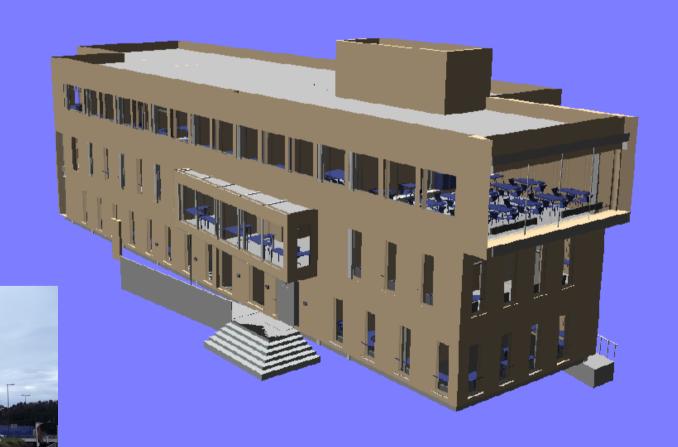
Some projects that uses open BIM, and how they use it...





SJEKE – defense office building





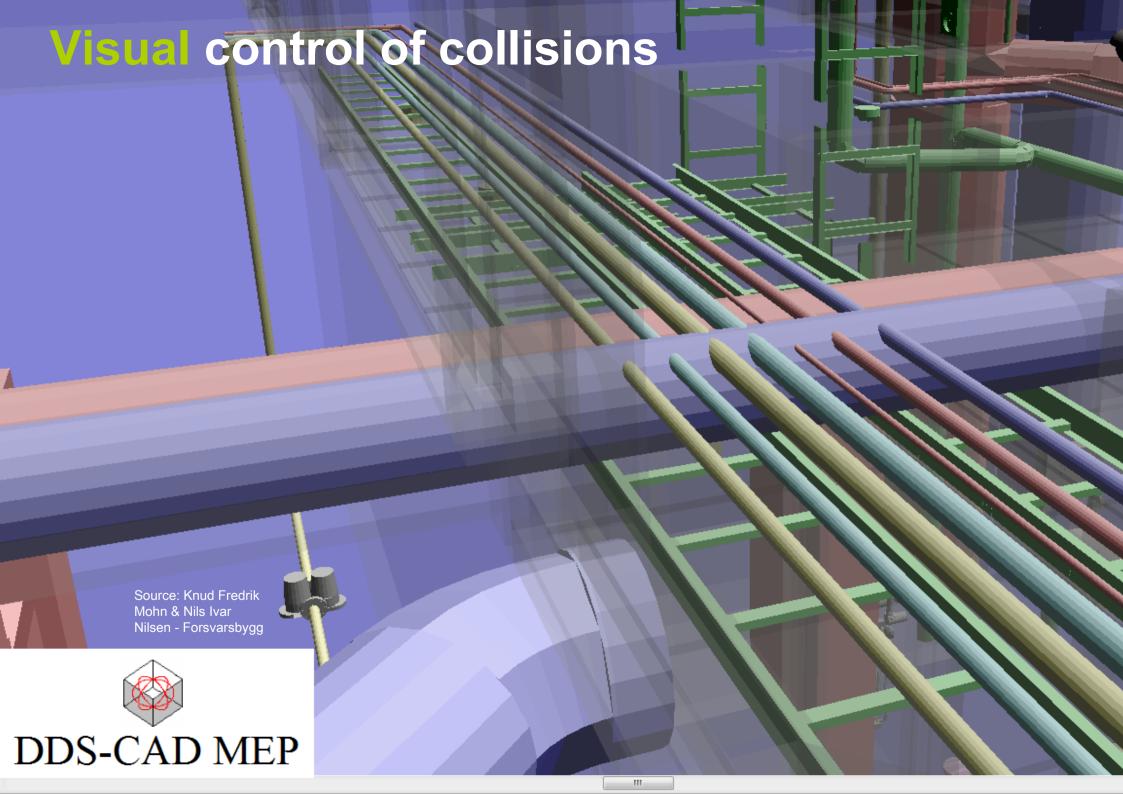
Source: Knud Fredrik Mohn & Nils Ivar Nilsen

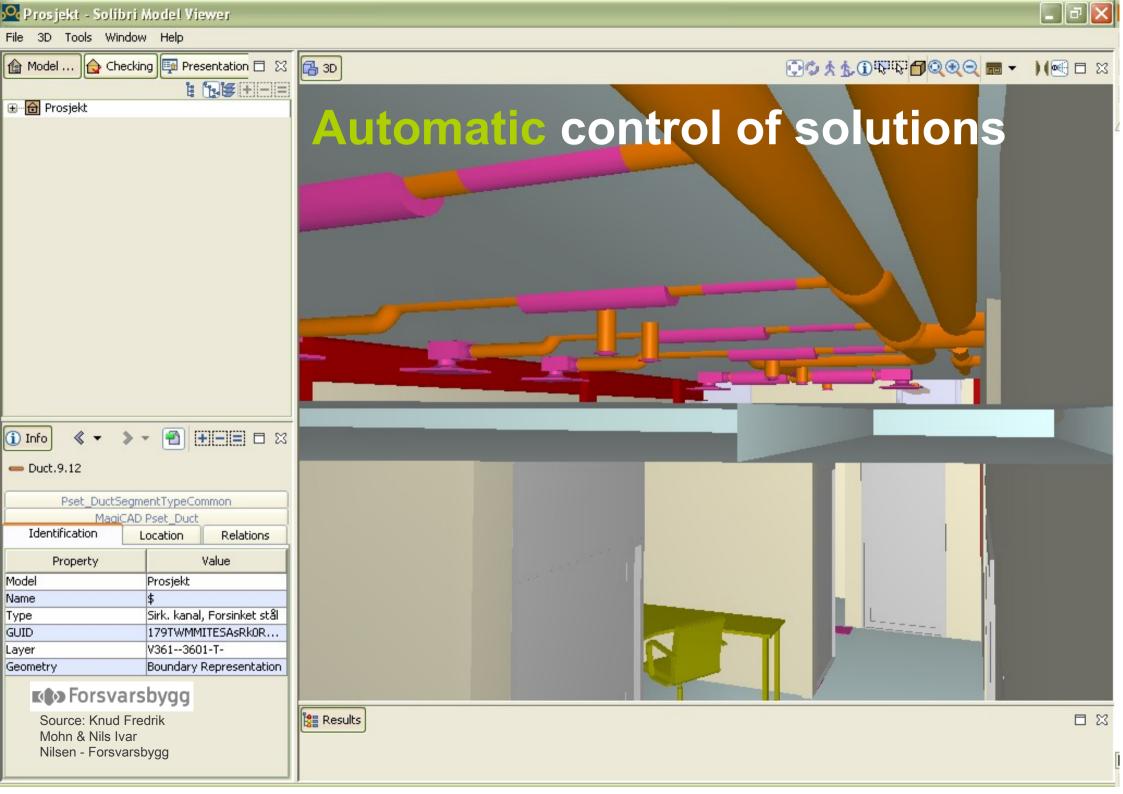
≰ Forsvarsbygg

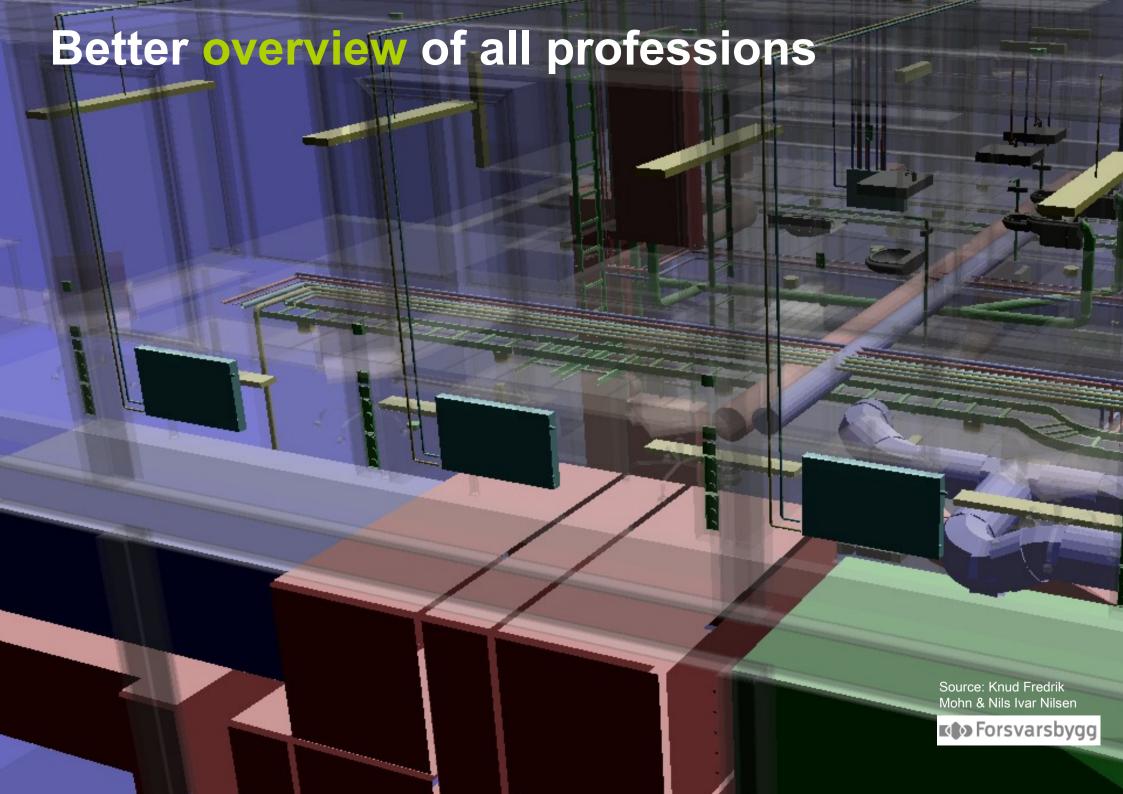
Early phase planning



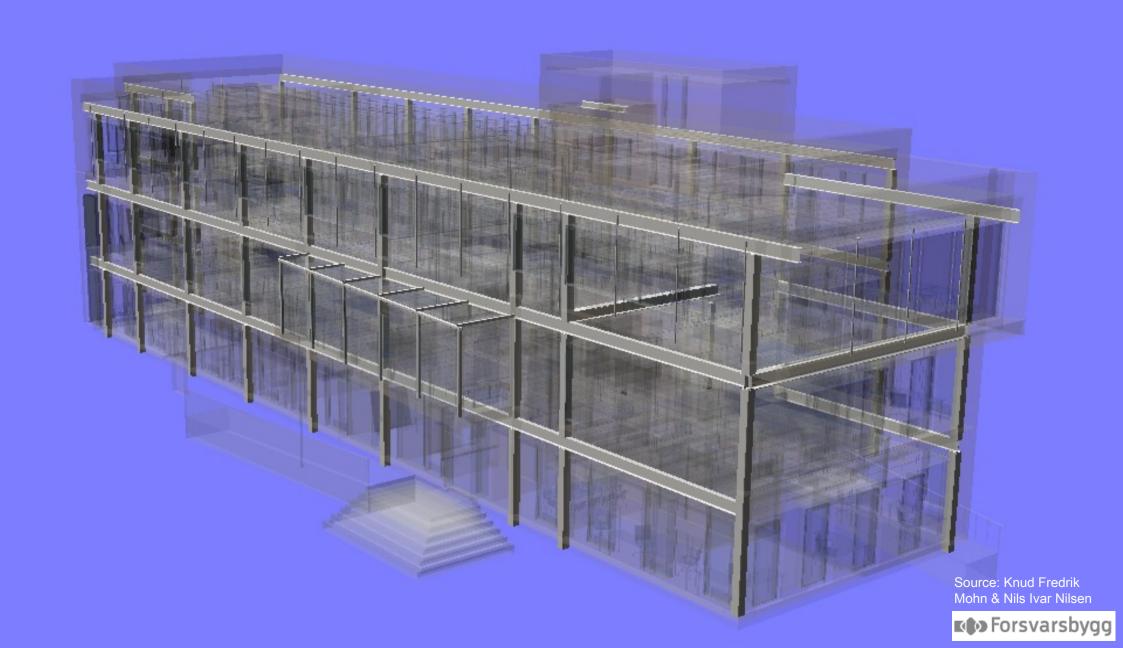


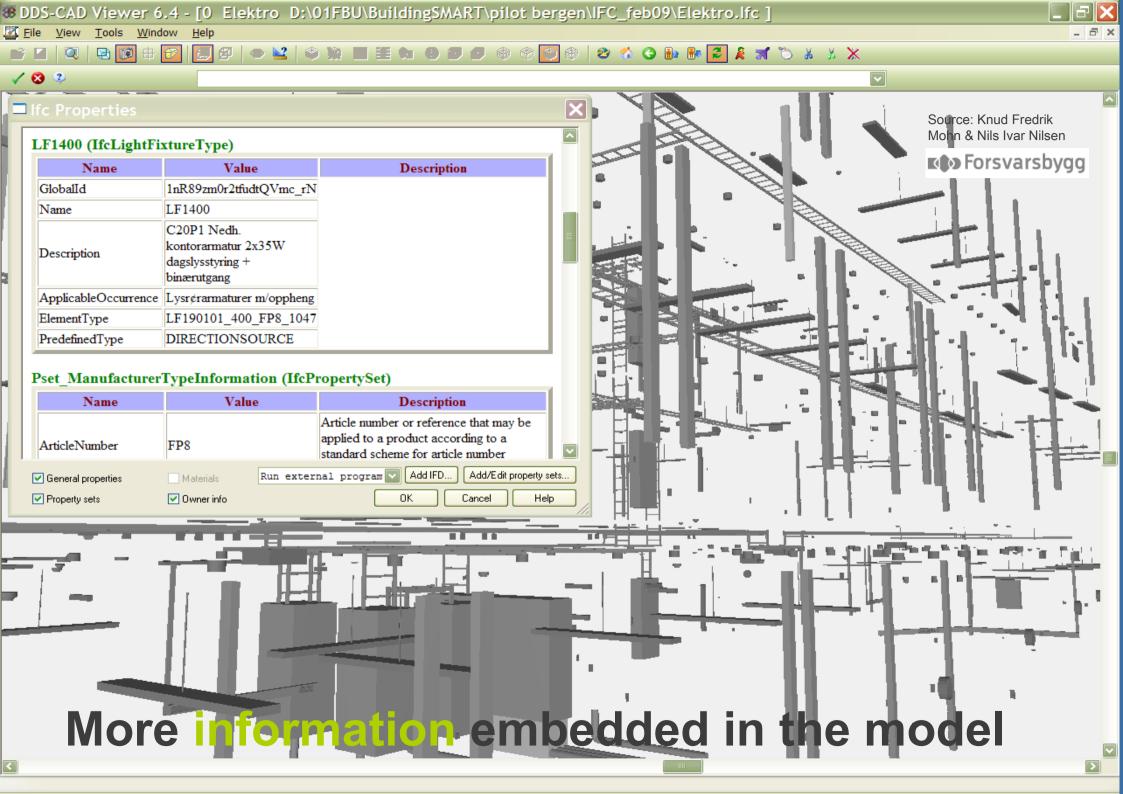






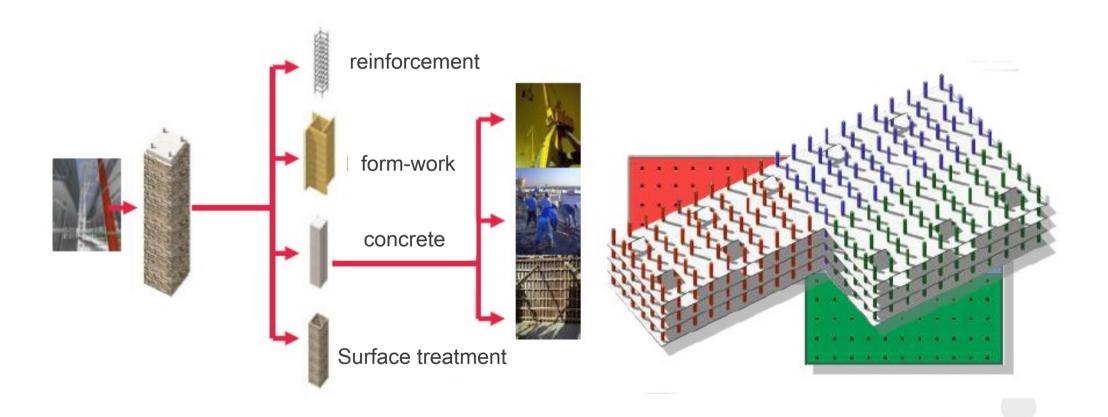
Better overview of individual professions





Extending objects with "recipes"



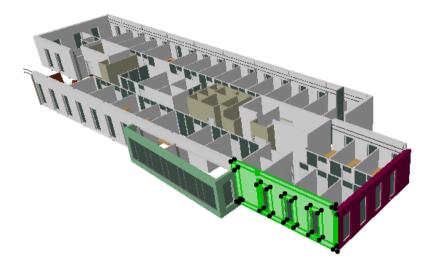




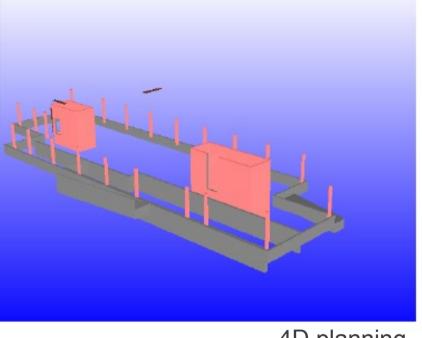
Source: Vico Software



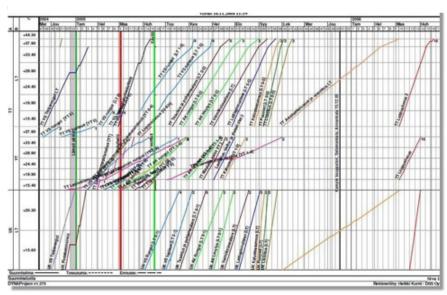




Virtually planning the construction process



4D planning

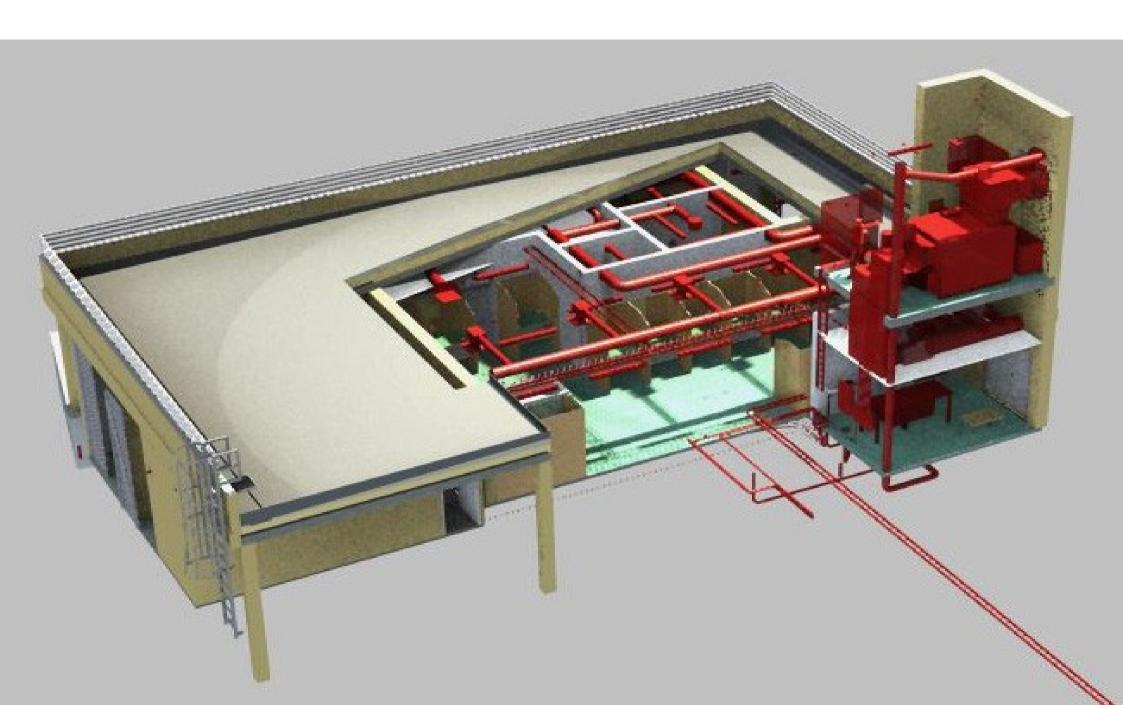


Flowline view - Vico



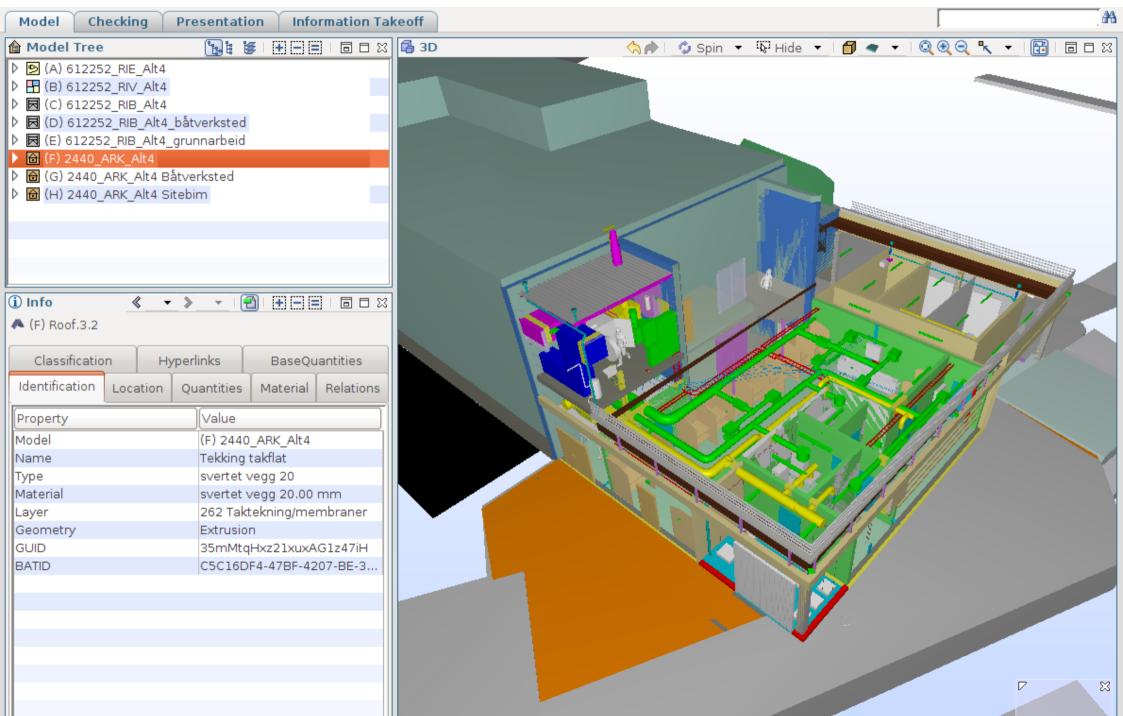
Gas-mixing facility - Forsvarsbygg





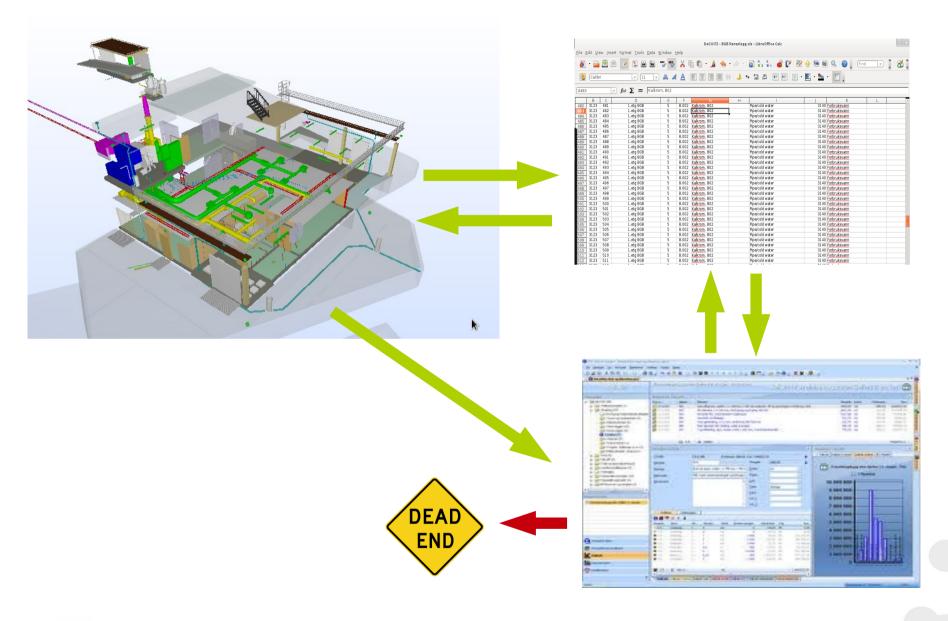
Model checking in Solibri





Using BIM for tendering

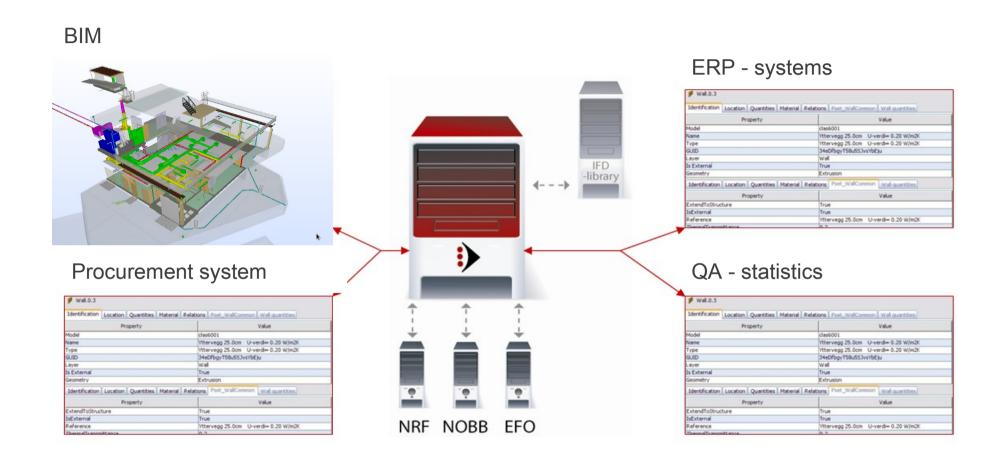


















Hospital in Sarpsborg – 80.000m²

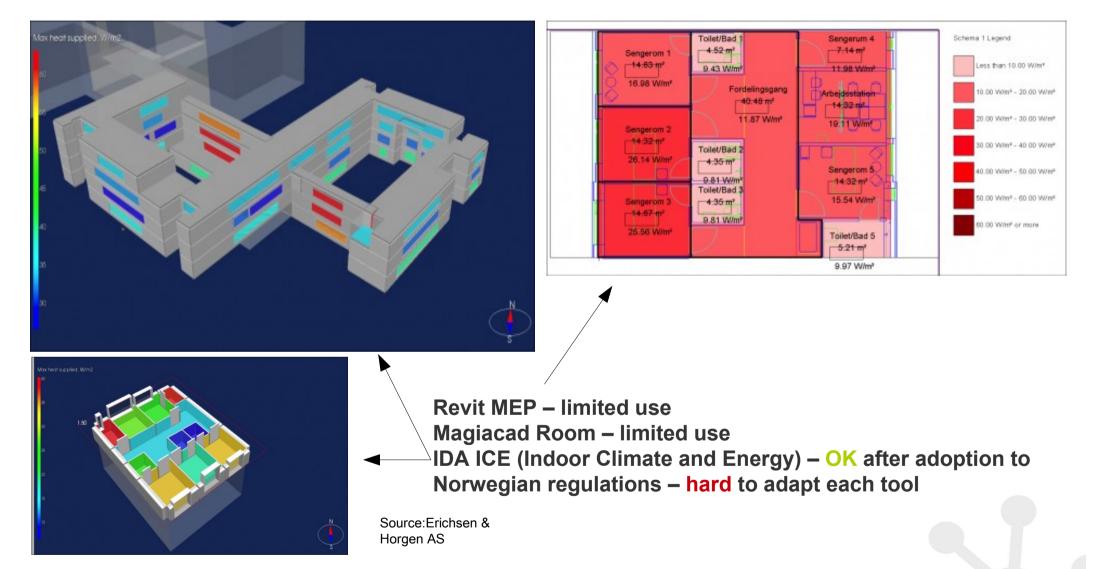






Energy & indoor-climate simulations









Benefits (according to project owner)

- Simplifies production of drawings and details
- Model can be used for prefabrication precut
- Lean construction
- Better control of the construction process
- Possible to use for electronic commerce
- Better control of resources
- Better control of budged
- Allows for alternative solutions on early stage







Challenges (according to project owner)

- Hard to define what the model shall contain
- Variable support for IFC in different software
- Hard to know what information that is required by different tools, and where to put it.
- Variable knowledge about how to produce and use a BIM







Contact information



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