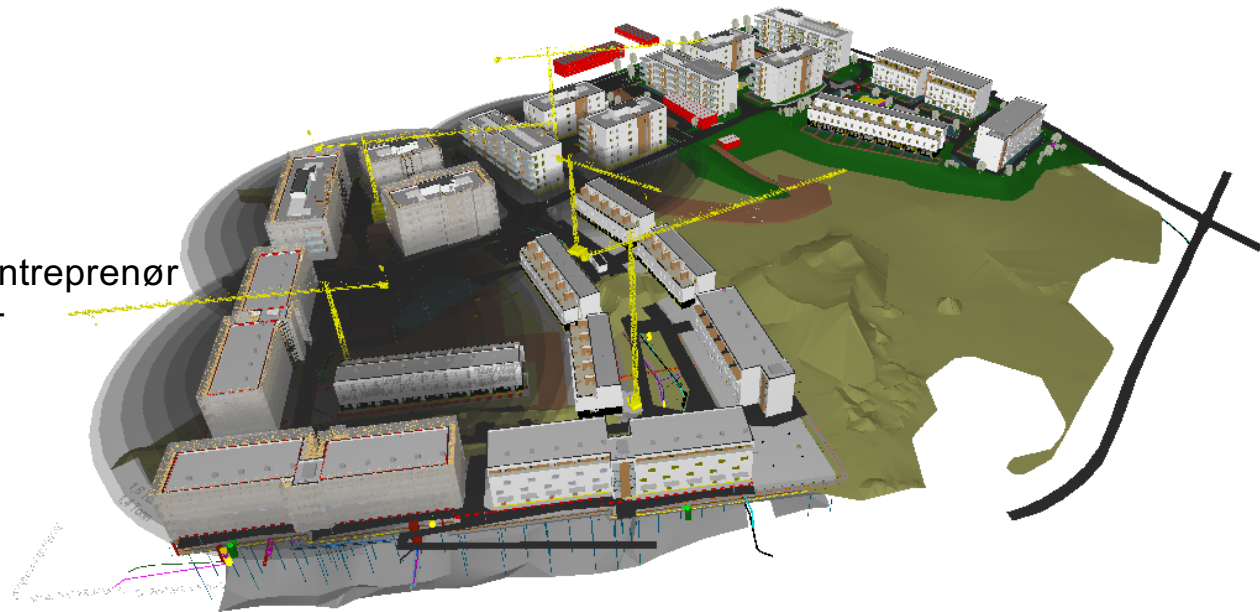


## Hagebyen, Norway

Cost	NOK 750M
Status	Completed
Participants	Veidekke Entreprenør Veifor AS, +
Chapter	Norway
buildingSMART	IFC, IDM



“Hagebyen was designated a BIM / VDC pilot project by Veidekke Entreprenør in 2010. The project has three main goals for using BIM:

1. To create a better design and production drawings
2. Lower cost of production through better information flow
3. To train staff in use of BIM

To achieve the 3 main goals of the project it was decided to use BIM-model for cross-discipline coordination, quality assurance through clash detections, cost estimation, quantity take-off, planning, economical oversight and supervision.

# Hagebyen, Norway

“Open BIM have contributed to seriously economical savings by giving me the opportunity to detect issues between different disciplines at an early stage before production starts.”

"I use Open BIM in my everyday work simply because it is better."

"Open BIM is great for visualization"

**"By using open BIM I raise my view from plan view to overall view of each building."**

“Open BIM gives me a better overall view of all the disciplines I have to coordinate with.”

“Open BIM has been a great way for me to handle and control Quantities.”

**"Timesaving to use open BIM IFC files from different disciplines in 3D site planning."**

“Open BIM makes it easier to transfer work done from one person to another.”

**"Open BIM is a revolution in my field through how we handle, communicate and make survey data."**

“BuildingSMART in this project have basically been IFC. Concrete benefits have been IFC and IDM for geographical reference. “

“Confirms how easy it is to get up on a good level of use on open BIM. Payback time is short.”

“Reuse of information is central. Open BIM makes it possible for users to organize quantities in their own ways.”

**"With BIM we go from taking quantities of what we must to quantify what we can. IFC standard is really important for us."**

“Open BIM gives us great overview and control.”

“We have not been able to do 26 “frame applications” in 6 months without use of Open BIM and VDC.”

“We have prepared a better product on a shorter timeframe and lower cost than we would have managed with traditional design phase processes. “

**"IFC collaboration got on another level when we worked together in a multidisciplinary team with united goals"**

“Good experience with working in a team across different firms. Open BIM collaboration makes understanding across disciplines.”