

# New North Zealand Hospital, Denmark

## Automatic ICT check of proposals in a 1.3 million sq ft project competition

Cost	DKK 700M
Status	Competition
Participants	Dalux The Capitol Region of Denmark, 7 teams participating
Chapter	Nordic, Denmark
buildingSMART	IFC, IDM



The Capital Region of Denmark wanted to ensure that a new hospital didn't become too big and expensive. In the project competition the anonymous participants must then document their **gross and net areas as well as construction prices in an IFC-model.**

To ensure an error free IFC-model and a usable model later in evaluation, Dalux formulated an IDM and setup a matching Dalux BIM Checker (DBC).

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The IFC-model saved several participants from being excluded from evaluation (thus they will lose their fee), because there was doubt about some of the gross areas in some of the projects. Using the IFC-model we could with great certainty answer critical questions within 48 hours in the evaluation." Claus Roikjer, Head of the Project, Nyt Hospital Nordsjælland

Main Zone	Sub Zone	Function	Area	Required Ar...	Difference	Difference %	Description
		K5	17.7	0.0	17.7	0.0	Klinisk immunologi
		K7	0.0	385.0	-385.0	-100.0	Kontor/kontorfaciliteter
		L1	103.6	60.0	43.6	72.7	Laboratorierpladser
		L3	25.5	120.0	-94.5	-78.8	Løgevagter
		M2	0.0	30.0	-30.0	-100.0	Morsrum
		P3	8.3	0.0	8.3	0.0	Personalebeklædning/
		P4	9.0	0.0	9.0	0.0	Produktionskøkken
		S2	39.0	2,700.0	-2,661.0	-98.6	Senge
		T2	25.0	100.0	-74.2	-74.2	Traumestuer
		U3	39.0	690.0	-651.0	-94.3	Undersøgelsesrum
		V1	25.4	60.0	-34.6	-57.7	Vagtværelser
		X1	125.7	0.0	125.7	0.0	Horizontale trafikarealer
		X2	19.2	0.0	19.2	0.0	Vertikale trafikarealer
		Total Zone Net	438.7	4,415.0	-3,976.3	-90.1	
		Total Zone Net	583.6				