



It's Time to Think

BIM & Information Management

Michał Pawliszewski
Łukasz Idzi
Thomas Holm

AjourContent

Ensures your deliveries every time



AjourObjects

Capture entire portfolio of content

Structure & Maintain content

Quality assure content

Distribute content

BI - Business Intelligence insight



AjourCollab

Manage ICT requirements

Manage tender lists and quantities

Work smart with keynotes & value lists

Track usage, changes and model quality

Whitelist content & approve project content

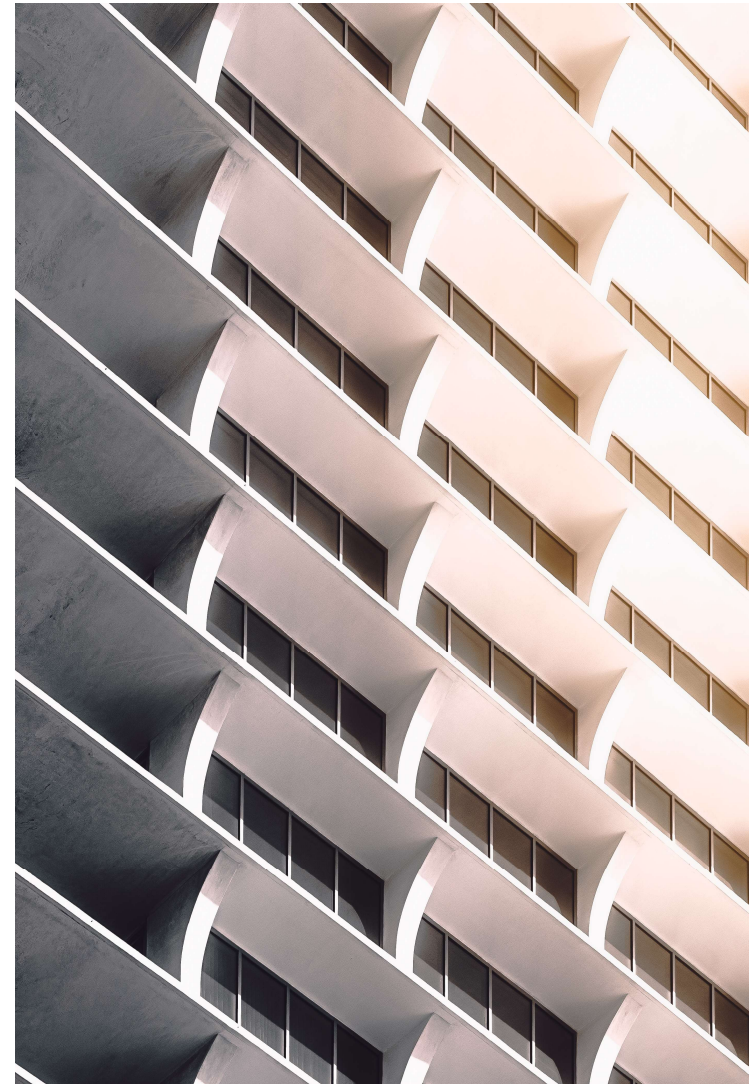


AEC Business Challenge

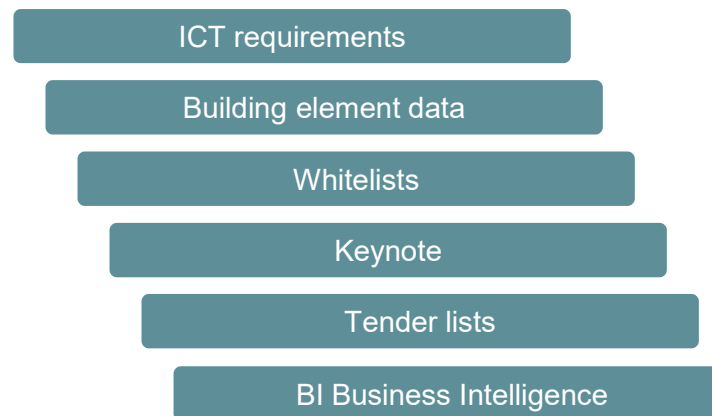
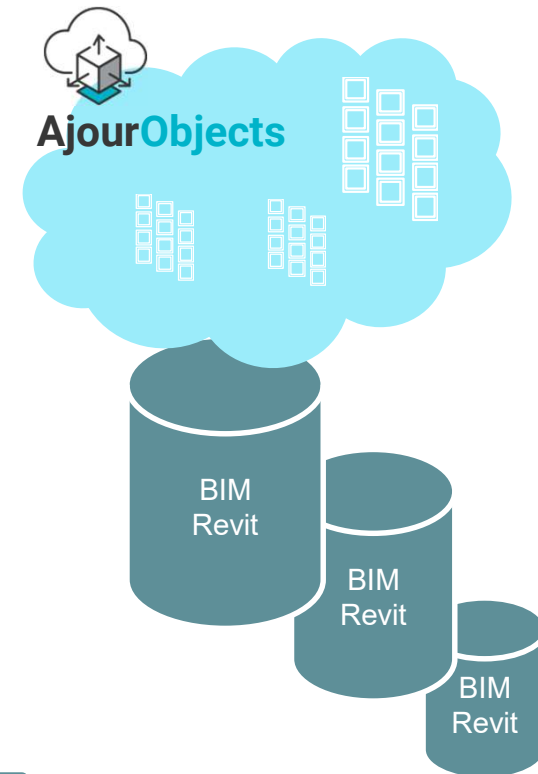
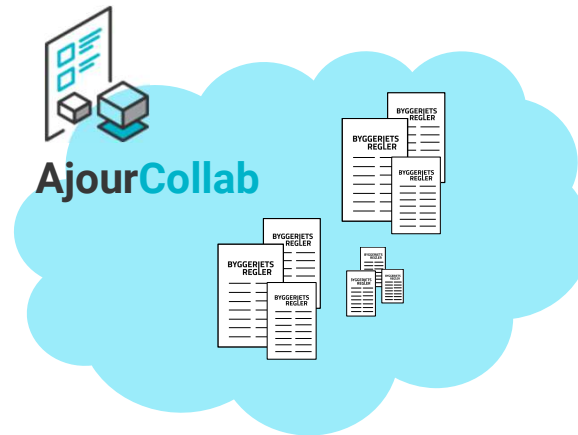
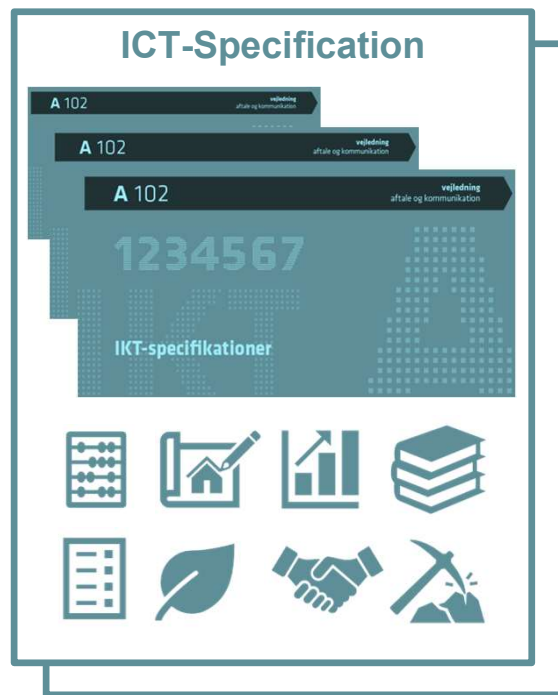
The construction industry is constantly met by increased delivery requirements and expectations from project- and building owners

Requirements and expectations of digital deliveries:

- General IT & ICT requirements
- Improved tender processes
- Increased requirements of digital delivery of, amongst others, BIM-models
- Increased information and documentation requirements
- Requirements to environment and sustainability
- Requirements to cooperation and coordination
- Tender list with quantities



The Process



Presentation

By Thomas Holm and Asmus Larsen

**Presentation of the following features
in AjourCollab:**

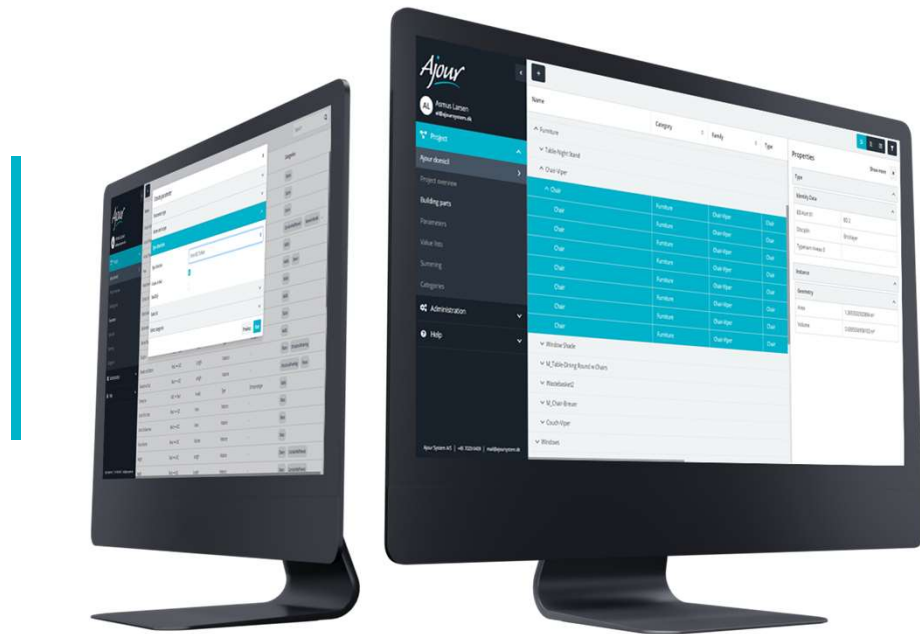
- ICT-requirements, properties & value lists
- Keynote
- Building element data and Whitelist
- Tender lists with quantities
- BI – Business Intelligence



ICT - Requirements, Properties & Value lists

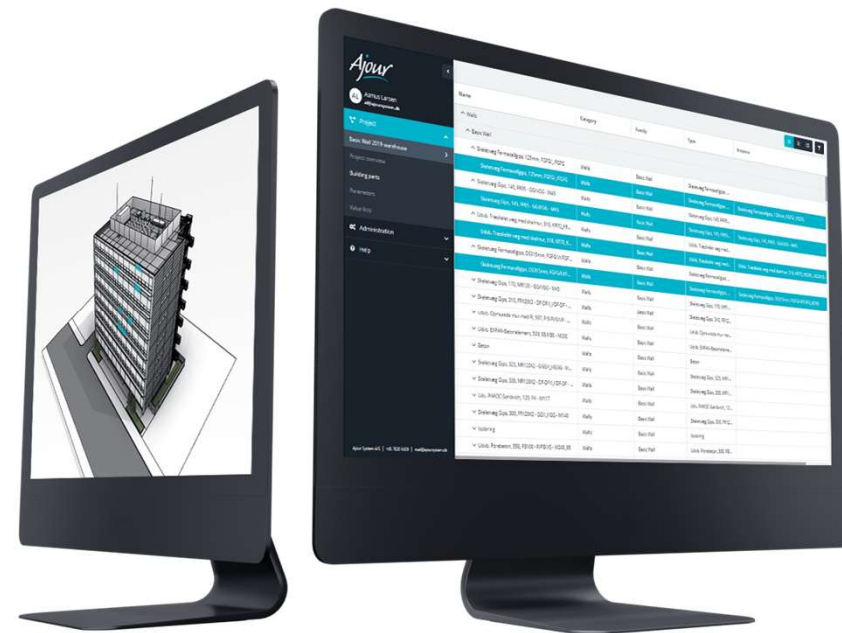
BIM Information Management

- Ensures that project information is entered and filled out correctly in the BIM-model
- Enforce the cooperation – make more people enrich the project with information
- Correct data improves search and filtration options
- Get data in the cloud - BIM-data available outside Revit and save on the Revit licenses



BIM Information Management

-



Keynote

BIM Information Management

- Maintenance of the keynotes of the project
- Reaching agreement as to the content of the keynote file
- Re-use of keynotes between projects
- Keynote management



Tender lists

BIM Information Management

- Quite a few experience the challenge of handling and having the project priced correctly
- It is time consuming to structure building element information in relation to tenders
- Time consuming reviewing tender lists
- The process from BIM to Excel to tender



BI – Business Intelligence

BIM Information Management

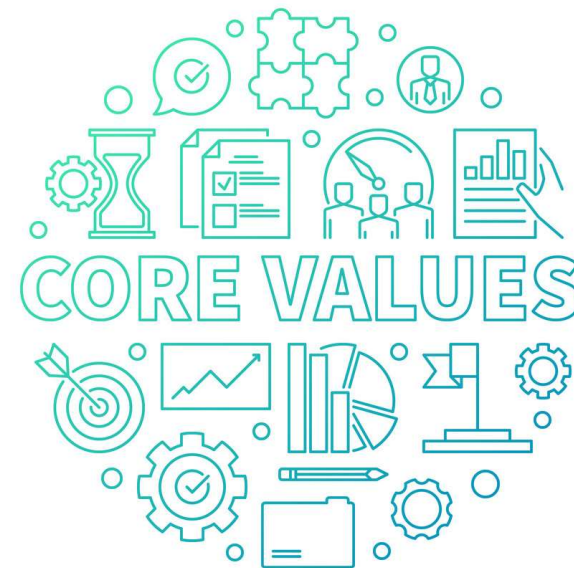
- X-Ray your projects and get new knowledge, insight and achieve better understanding
- Better decision basis
- Ensure valuable information through BI
- Creates value for the entire business



Key values of AjourObjects



- Deliver unique insight into the project content
- General improvement of overview and quality of content
- Improvement of performance (company, project, person)
- Create better project quality and economy
- Improves the cooperation, communication and coordination in the project
- X-Ray options of your project, Business Intelligence



AjourObjects

Ensures your deliveries every time

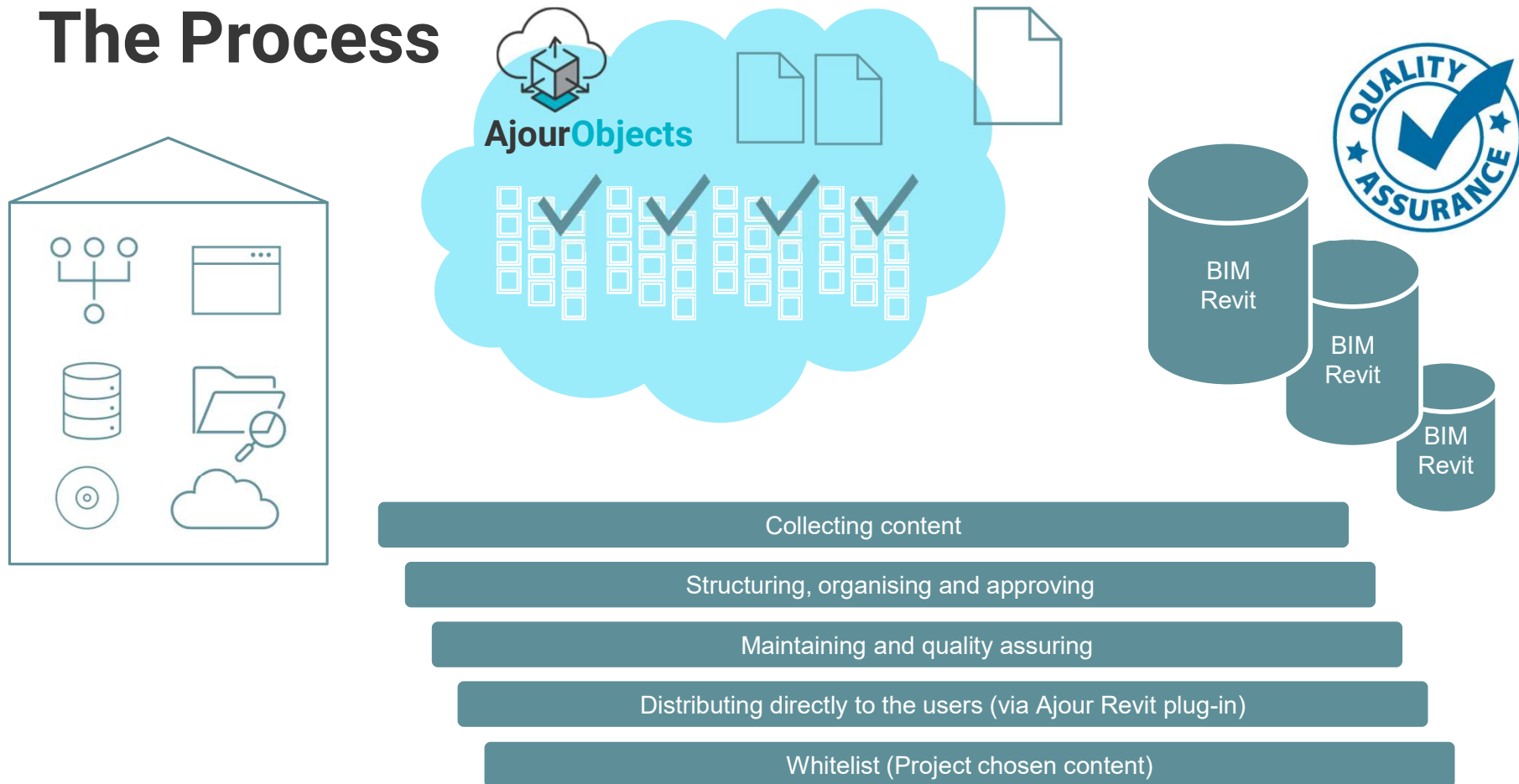
Companies challenged by:

- Collecting content centrally
- Maintaining a high quality of BIM-Content
- Troubleshooting on content and ensuring that it is corrected "globally"
- Distribution of company content
- Collecting knowledge and experience from project to project
- Coordinating usage internally and externally
- Controlling content and protection of the IP-Rights of the company (and the project)



Content contaminates the quality

The Process

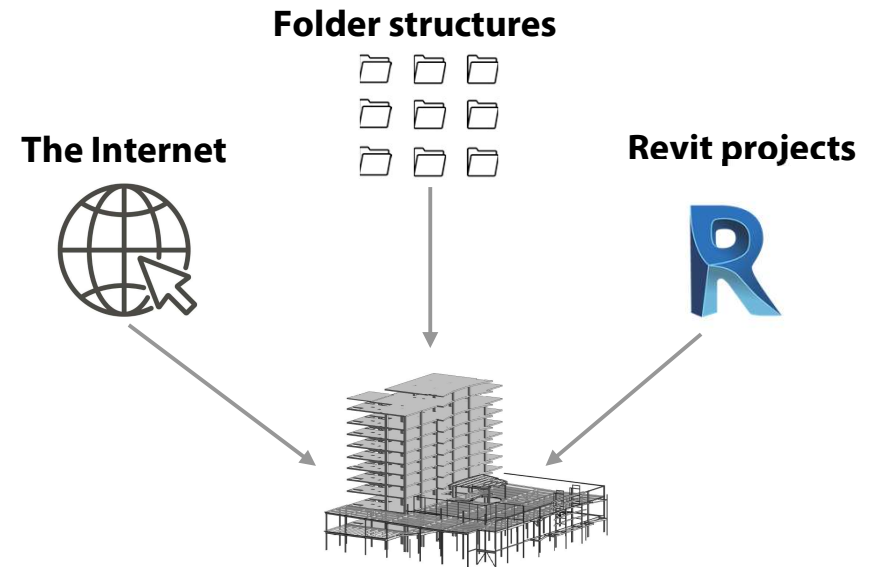


Collecting Content



The challenge is amongst others:

- Revit projects take long time opening (2 to 60 min.)
- Difficult finding the right content
- Different Revit versions make it difficult maintaining content.



Structuring Content



The challenge is amongst others:

- It is difficult creating structure in unstructured files and open folders
- It is difficult maintaining warehouse files
- It is a challenge having creative employees use the same content



Quality assurance and maintenance



The challenge is amongst others:

- It is difficult standardising properties and parameters
- Getting a stringent QA-process on new content
- Having new content, which is to be saved in the content catalogue of the company, approved

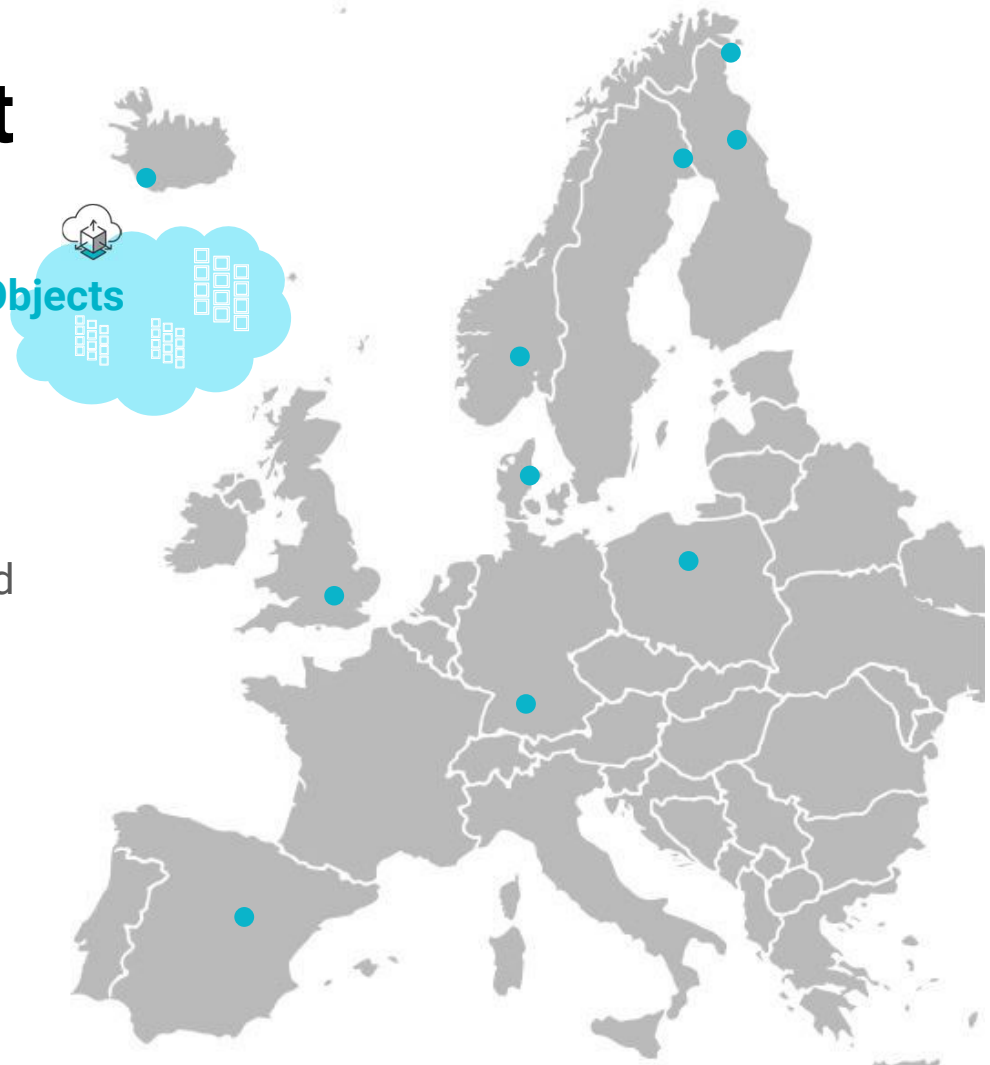


Distribution af Content

The challenge is amongst others:

- Searching content quickly
- Filtering on objects containing the wanted properties
- Ensuring that uniform content is used across projects

AjourObjects



Track Changes in Project Content



The challenge is amongst others:

- It can be difficult creating an overview of all project content
- It can be difficult seeing from where content comes...
- Total validation of your project

Search:	Search	AO Type	Used in project model	Version
roject Type	AO Family	AO Type	Used in project model	Version
f2 x 2145 mm	Vindue m.vandret sprosse	420 x 2145 mm - Sideparti entredar	Yes	2019
venlys - Bytterlys 3 fag	Northlight In-Roof_LOD 200-400_v.2.06	Ovenlys - Dobbelt modul - Taghældning 30.35	Yes	2019
30 x 2145 mm - Sideparti entredar	Vindue m.vandret sprosse	420 x 2145 mm - Sideparti entredar	Yes	2019
312 x 2600 mm	Glasparti ved opgang	3012 x 2800 mm	Yes	2019
3 x 25 mm	Baluster - Square	1"	No	2020
venlys - Bytterlys 11050 mm længde	Northlight In-Roof_LOD 200-400_v.2.06	Ovenlys - Dobbelt modul - Taghældning 30.35	Yes	2019
12 x 2145 mm	Vindue m.vandret sprosse	420 x 2145 mm - Sideparti entredar	Yes	2019
12 x 2145 mm	Vindue m.vandret sprosse	420 x 2145 mm - Sideparti entredar	Yes	2019
venlys - Dobbelt modul - Taghældning 26.08	Northlight In-Roof_LOD 200-400_v.2.06	Ovenlys - Dobbelt modul - Taghældning 30.35	Yes	2019
venlys - Dobbelt modul - Taghældning 30	Northlight In-Roof_LOD 200-400_v.2.06	Ovenlys - Dobbelt modul - Taghældning 30.35	Yes	2019
venlys - Dobbelt modul - Taghældning 25.06	Northlight In-Roof_LOD 200-400_v.2.06	Ovenlys - Dobbelt modul - Taghældning 30.35	Yes	2019
332 x 2145 mm	Vindue m.vandret sprosse	420 x 2145 mm - Sideparti entredar	Yes	2019
selelvæg Fermacellgips, DS170mm, FGFG//J/FGFG	Basic Wall	Skelelvæg Fermacellgips, DS170mm, FGFG//J/FGFG	No	2019
selelvæg Fermacellgips, DS195mm, FG/I//FG_M70	Basic Wall	Skelelvæg Fermacellgips, DS195mm, FG/I//FG_M70	Yes	2019
selelvæg Fermacellgips, DS270mm, FGFG//J/FGFG	Basic Wall	Skelelvæg Fermacellgips, DS270mm, FGFG//J/FGFG	No	2019
Opmurede mur, 188, Sten 168 - P/S/P - Puds 2X10mm	Basic Wall	Opmurede mur, 188, Sten 168 - P/S/P - Puds 2X10mm	Yes	2019
acde	Curtain Wall	Facede	Yes	2019
selelvæg Fermacellgips, DS220mm, FGFG//J/FGFG	Basic Wall	Skelelvæg Fermacellgips, DS220mm, FGFG//J/FGFG	No	2019
selelvæg Fermacellgips, DS215mm, FGFG/I//FGFG_M140	Basic Wall	Skelelvæg Fermacellgips, DS215mm, FGFG/I//FGFG_M140	Yes	2019
eneric	Basic Ceiling	Generic	No	2020
venlys - Bytterlys 1400	Northlight In-Roof_LOD 200-400_v.2.06	Ovenlys - Bytterlys 1400	Yes	2019
venlys - Dobbelt modul - Taghældning 30.35	Northlight In-Roof_LOD 200-400_v.2.06	Ovenlys - Dobbelt modul - Taghældning 30.35	Yes	2019
tråvindue - Tagetage	Curtain Wall	Skråvindue - Tagetage	Yes	2019
30 x 2145 mm - Sideparti entredar	Vindue m.vandret sprosse	420 x 2145 mm - Sideparti entredar	Yes	2019
venlys - Enkelt	GPU_Ver.2.5	Ovenlys - Enkelt	Yes	2019
312 x 2800 mm	Glasparti ved opgang	3012 x 2800 mm	Yes	2019
IG - 150mm betonelement	Basic Wall	ING - 150mm betonelement	Yes	2019
IG - L-Elementer	Basic Wall	ING - L-Elementer	Yes	2019
IG - 100mm Letbeton element	Basic Wall	ING - 100mm Letbeton element	Yes	2019
30x300 mm	Kvadratisk-profil concrete	300x300 mm	Yes	2019
venlys - Trippelt modul - Taghældning 30.35	Northlight In-Roof_LOD 200-400_v.2.06	Ovenlys - Trippelt modul - Taghældning 30.35	Yes	2019
rti karnap - Tagetage	Curtain Wall	Parti karnap - Tagetage	Yes	2019
nduit	Conduit without Fittings	Conduit	No	2020
ew Reference	View Reference	View Reference	No	2020
ex - Rectangular	Flex Duct Rectangular	Flex - Rectangular	No	2019
ex - Round	Flex Duct Round	Flex - Round	No	2019
nduit	Conduit with Fittings	Conduit	No	2020
annel Cable Tray	Cable Tray without Fittings	Channel Cable Tray	No	2020
vel	Level	Level	No	2019
30mm	Underskab - Åben	700mm	Yes	2019
rejseovermembran - Murkrone m.kant	Svejsesovermembran - Murkrone m.kant	Svejsesovermembran - Murkrone m.kant	No	2019
efault	Rectangular Duct	Default	No	2020
annel Cable Tray	Cable Tray with Fittings	Channel Cable Tray	No	2019
14			Yes	2019
100/2.0			Yes	2019
nkel 090 u/r			Yes	2019
3x105 mm			Yes	2019
08			Yes	2019



Thank you!

It's Time to Think
BIM & Information Management

Michał Pawliszewski
Łukasz Idzi
Thomas Holm