



BASAJAUN

The Forest to Building Digital Framework (F2BDF)

Digitalisation of the wood value chain

Towards Materials and Manufacturing Commons • Berlin 4 April 2023
Andreas Rudenå • Paramountric

This project has received funding from the European Union's Horizon 2020
research and innovation programme under grant agreement N° 862942



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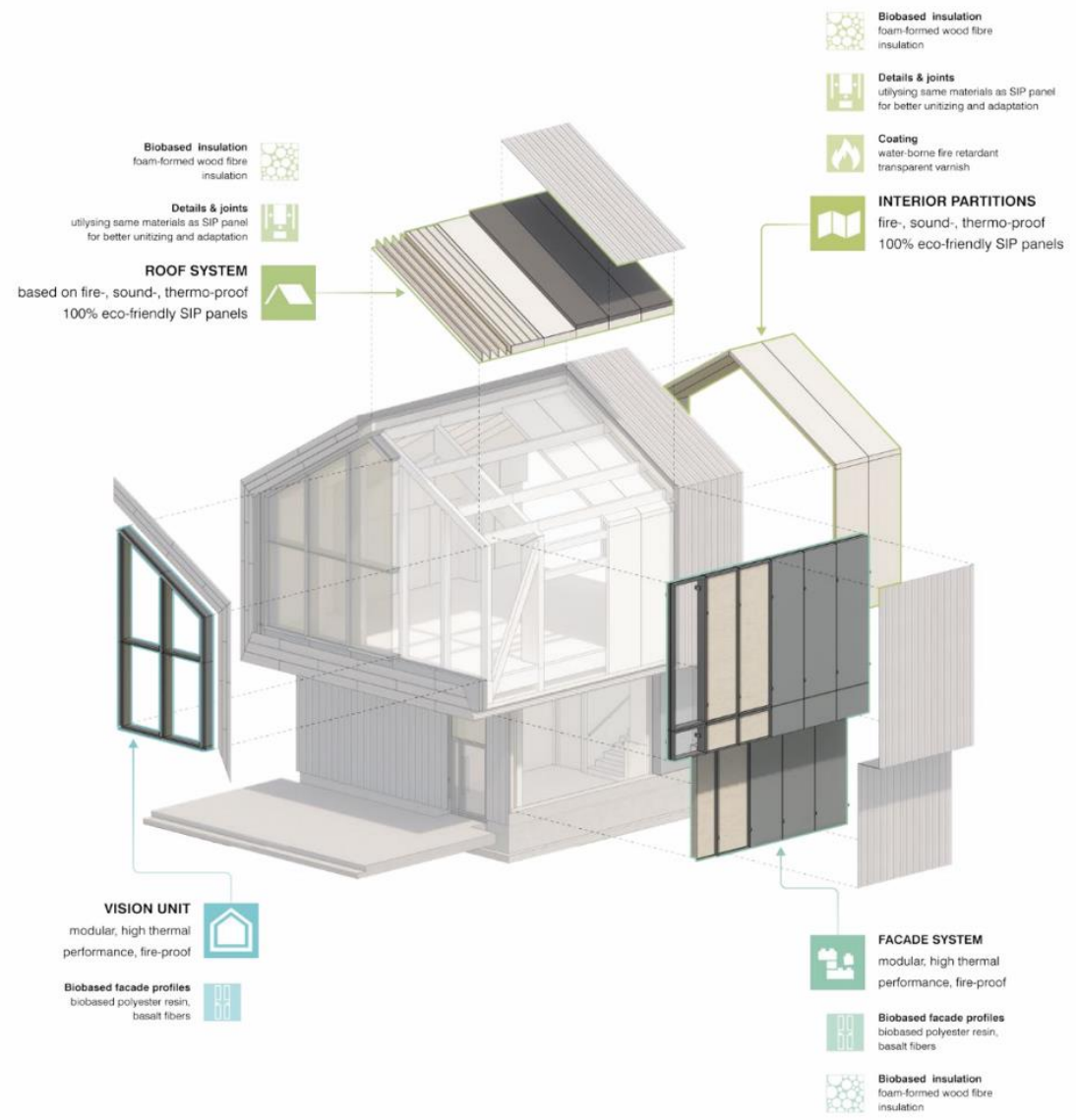


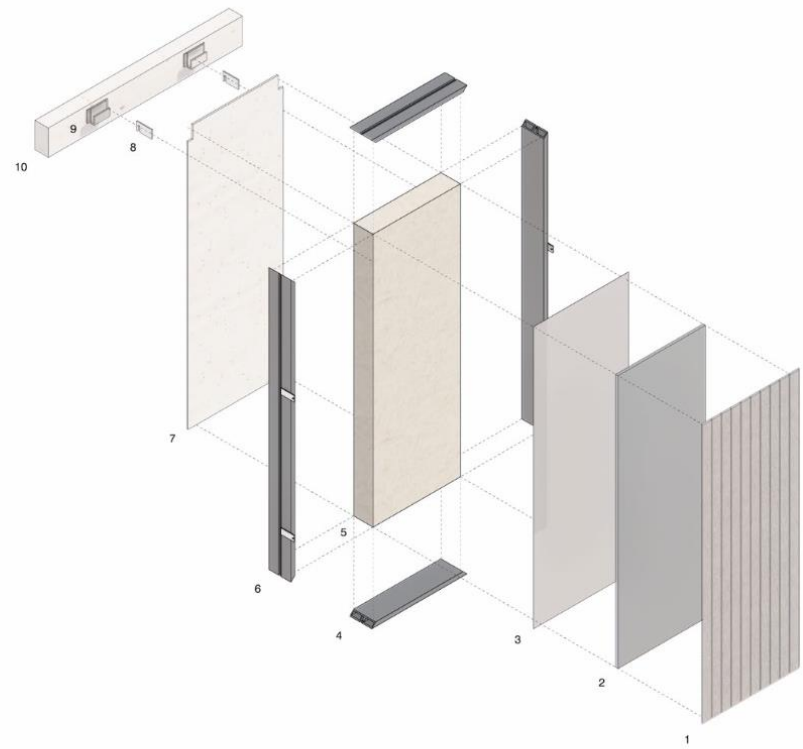










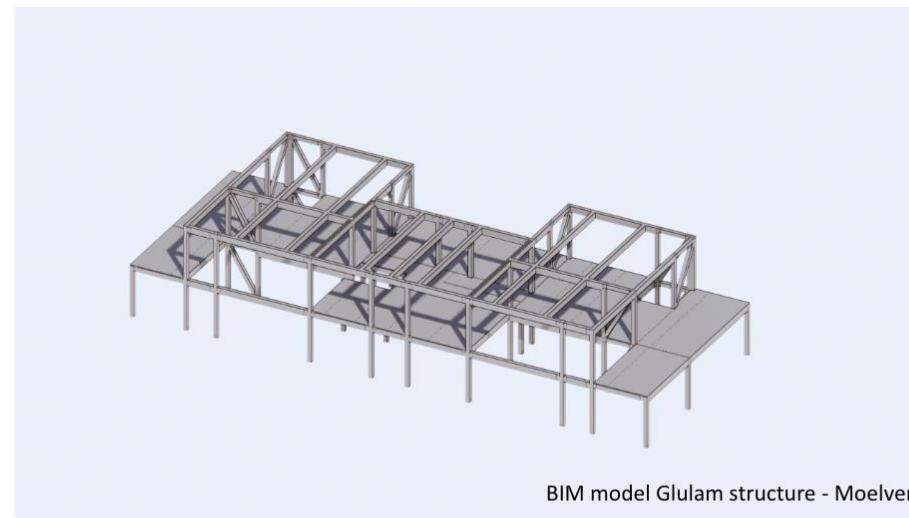


- 1. Tongue and groove profiles
- 2. Profiles substructure
- 3. Waterproofing
- 4. **Biobased facade profiles**
biobased polyester resin,
basalt fibers
- 5. **Biobased insulation**
foam-formed wood fibre
insulation
- 6. Panel-to-panel connector
- 7. Plywood
- 8. Male mount on the panel
- 9. Female mount on the beam
- 10. Beam

Main partners façade : Focchi, Omikron, ENAR



BIM model interior / foundation - UNStudio



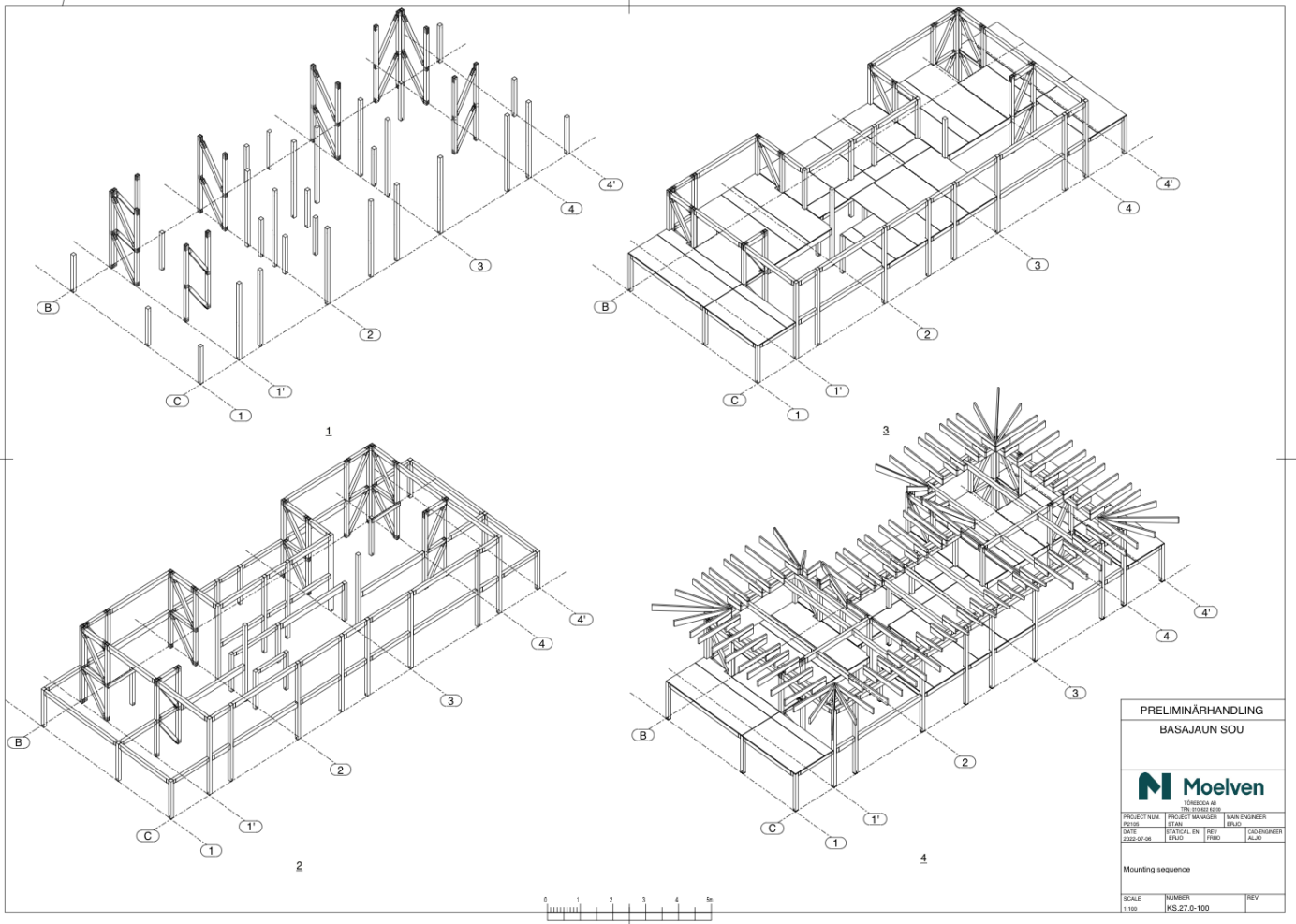
BIM model Glulam structure - Moelven



BIM model façade / roof modules - ENAR



BIM model façade / roof cladding - ENAR



PRELIMINÄRHANDLING			
BASAJAUN SOU			
Moelven			
<small>TÖRSTAD AB TIBBÄCKER</small>			
PROJECT NO	PROJECT MANAGER	DATE	MAIN ENGINEER
2020	STAFF	2020-07-08	ALZ
DATE	STATUS	REV	DESIGNER
2020-07-08	EN	1	ALZ
Mounting sequence			
SCALE	NUMBER	REV	
1:100	KS-27.0-100		



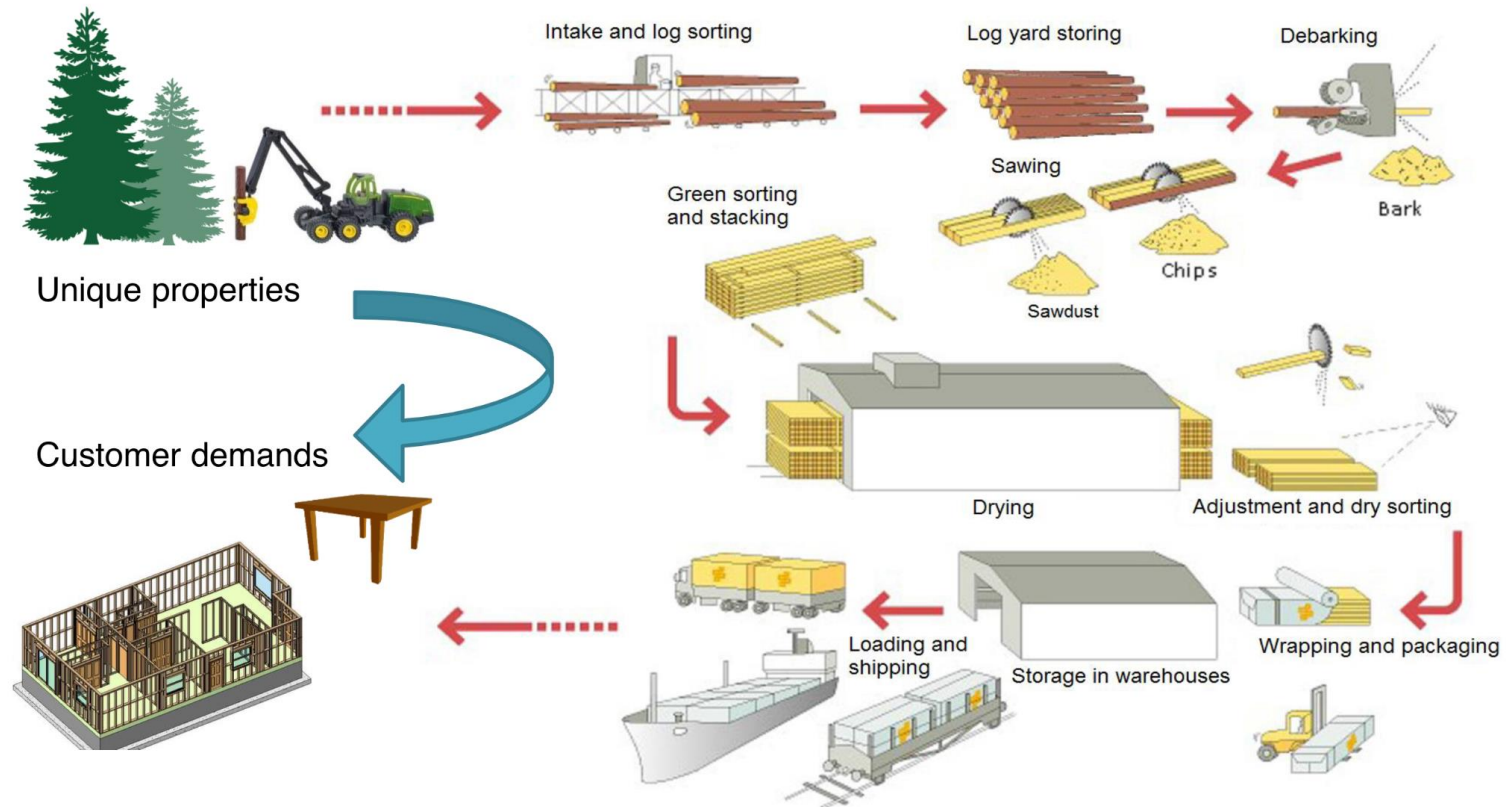


Image by Swedish forest industries federation / RemaSawco

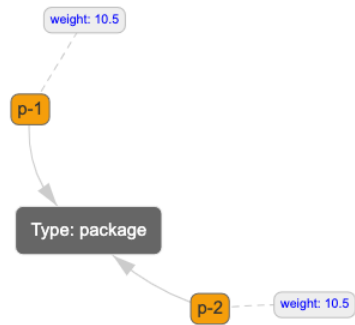
F2BDF – is a tool for how to connect actors along the wood supply chain using collaborative a data flow

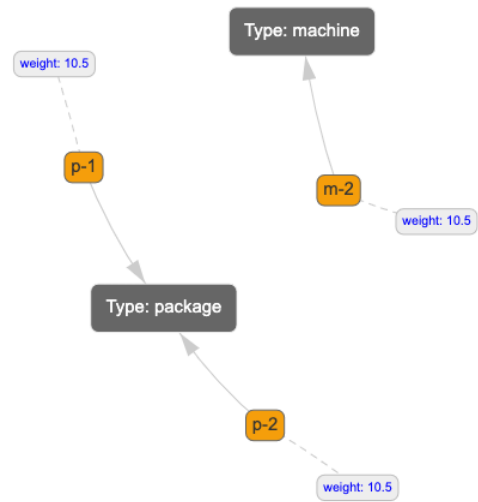


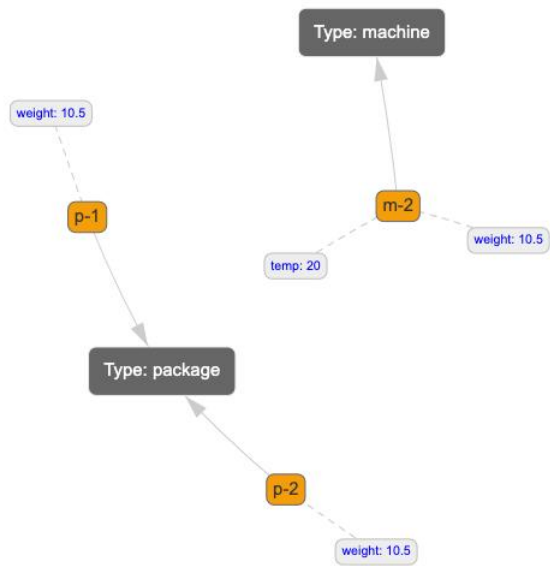
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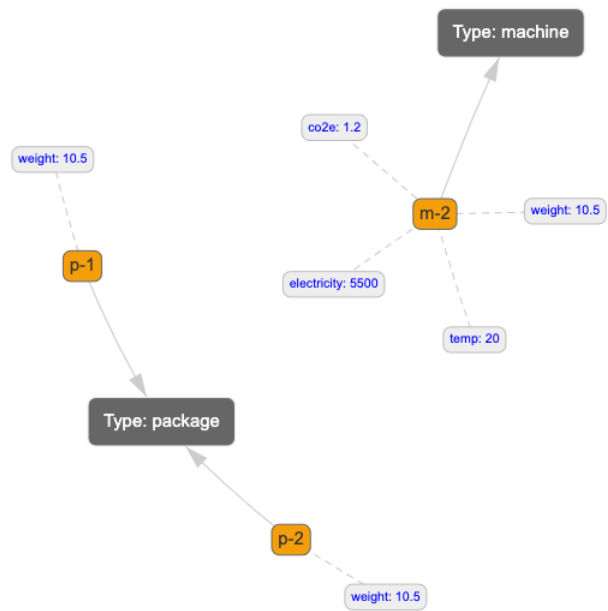
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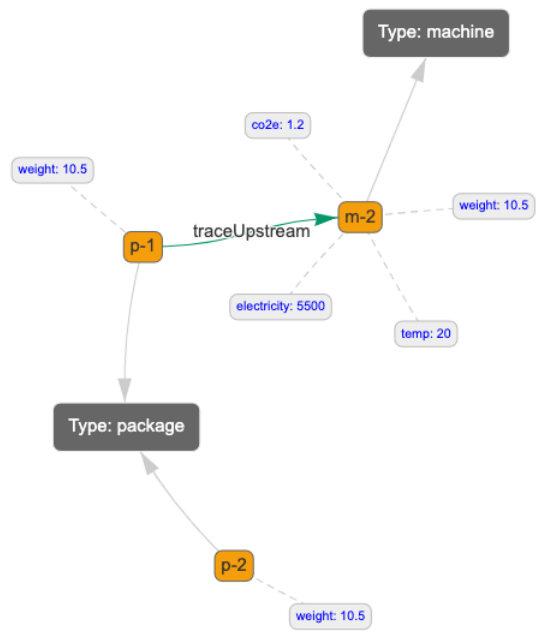












My test model

Options

Send test data

View settings

Clear screen

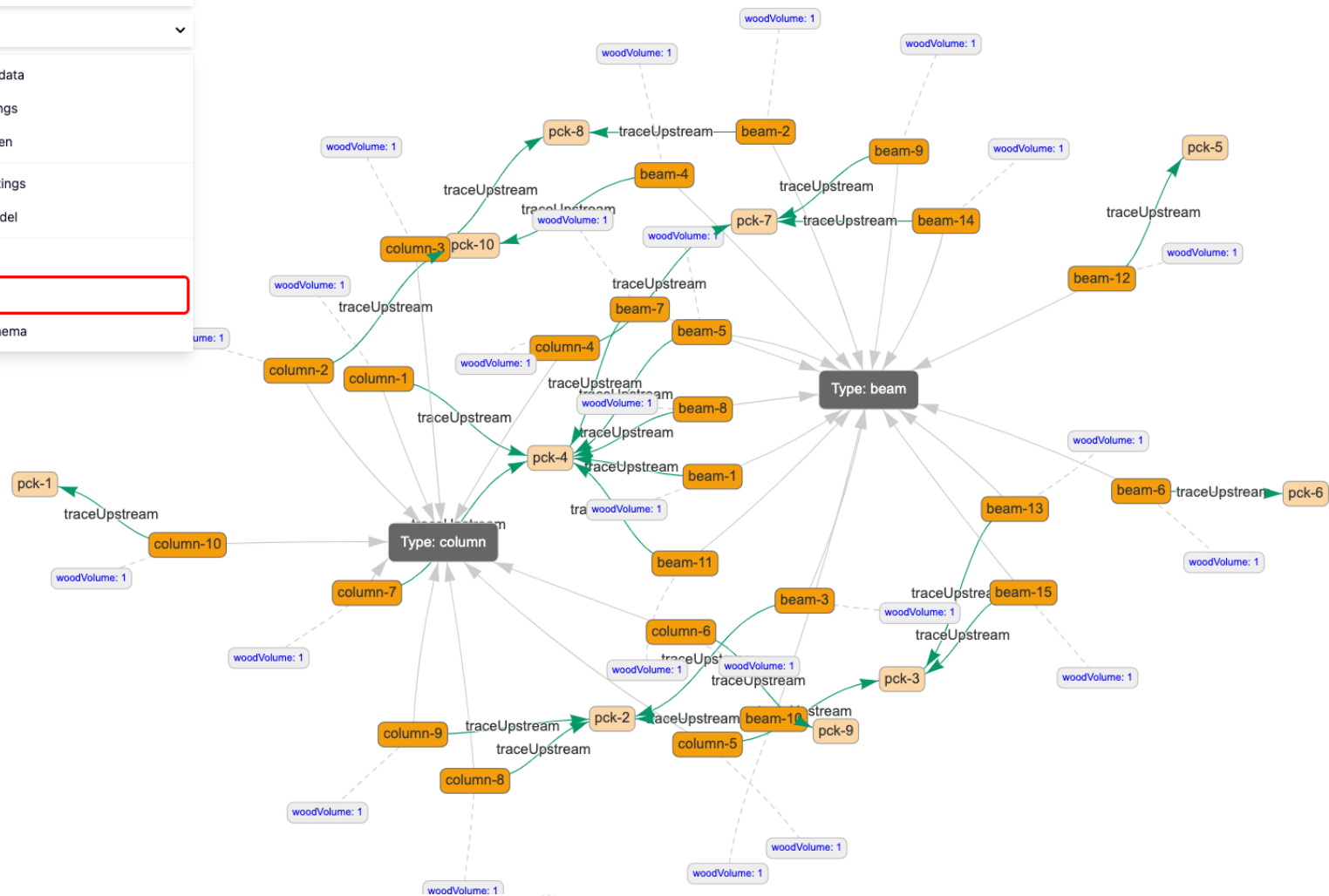
Model settings

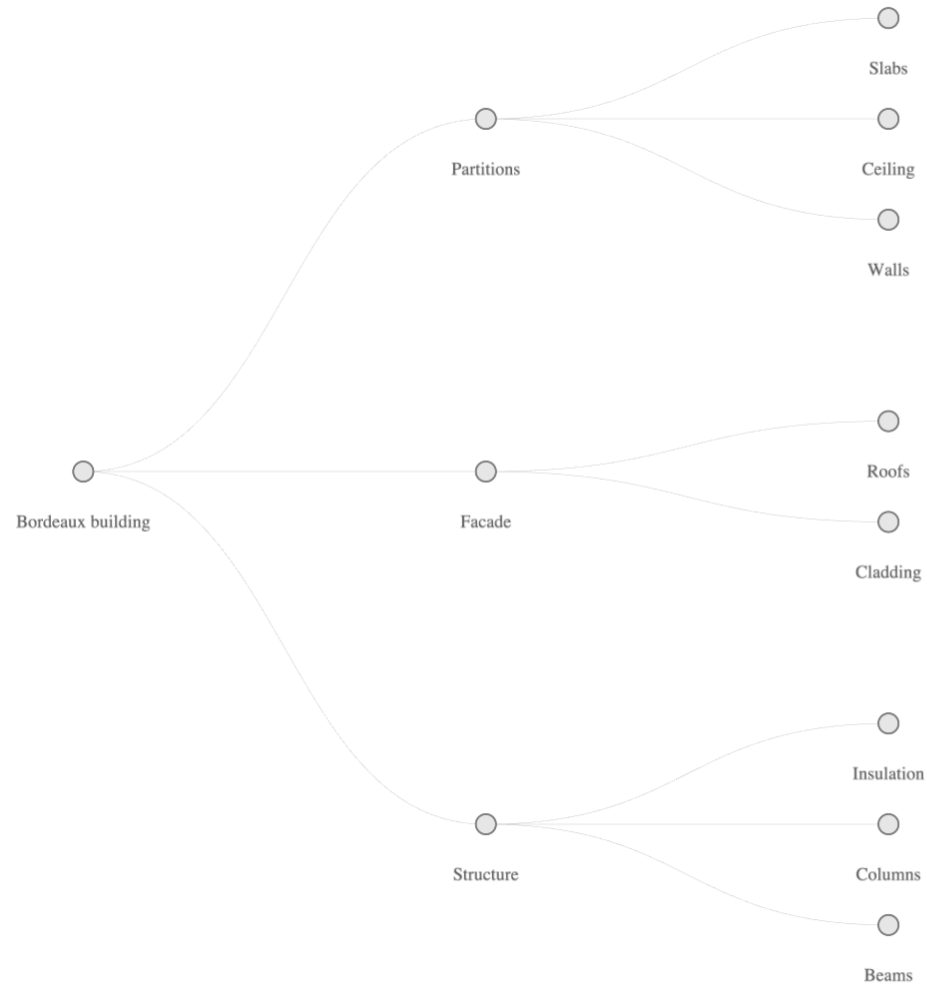
Create model

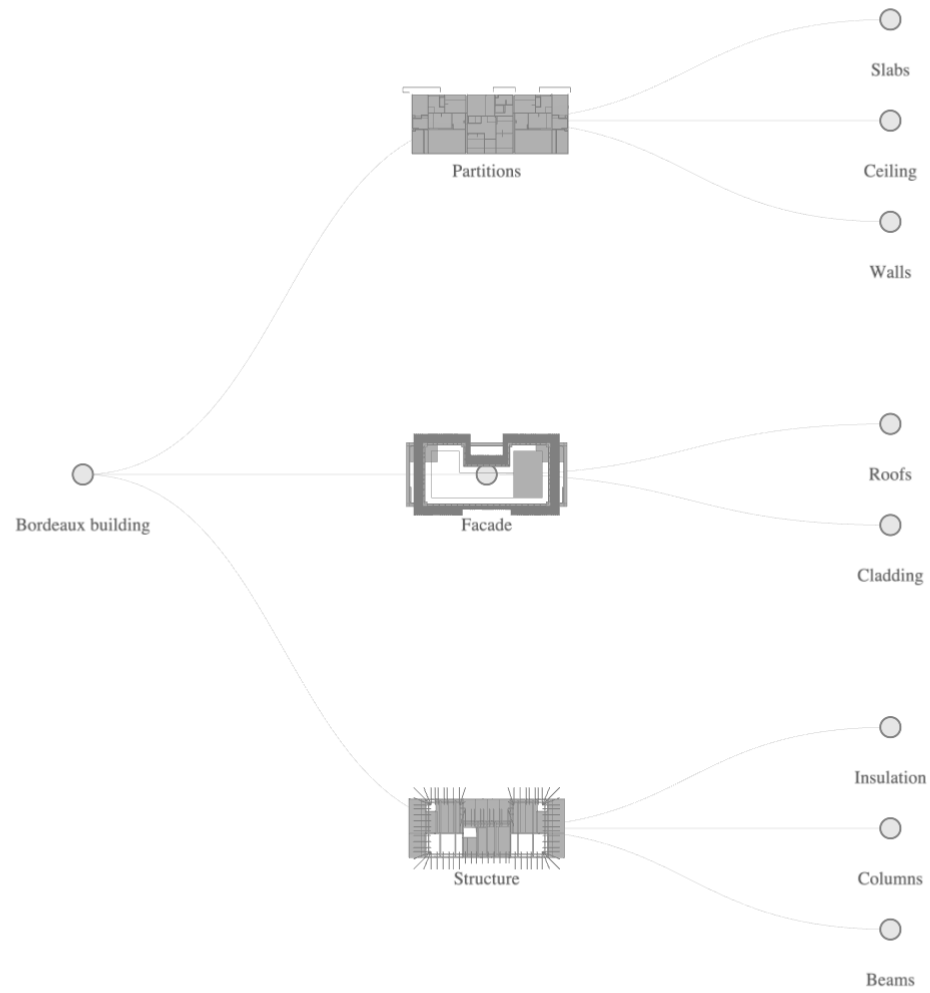
Download

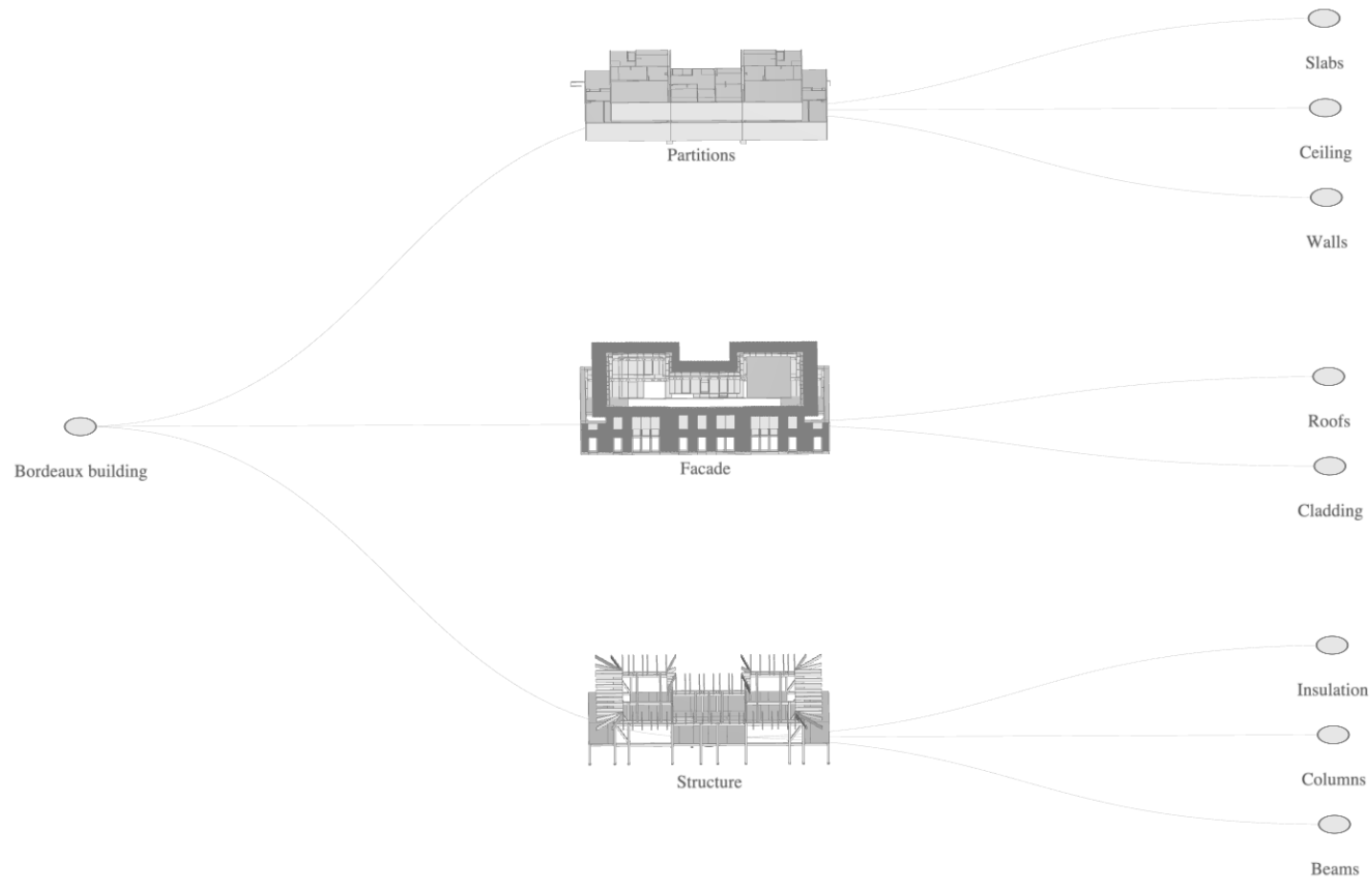
Upload

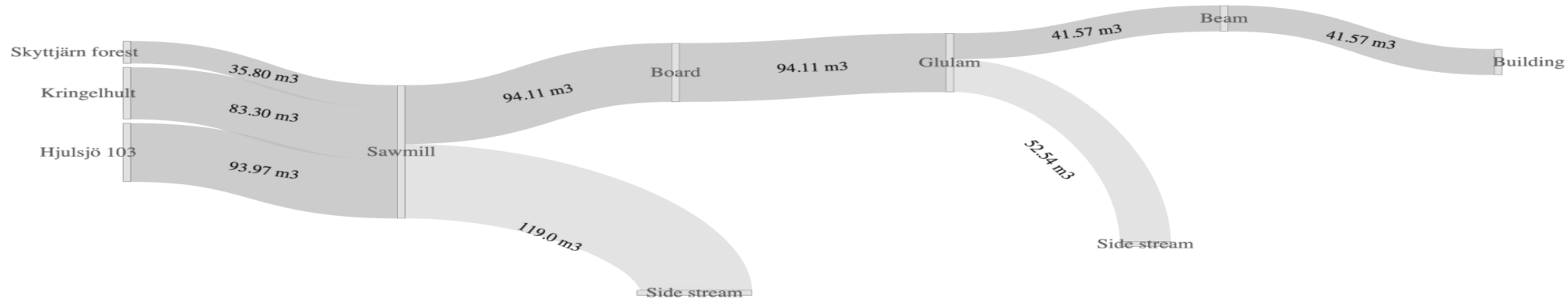
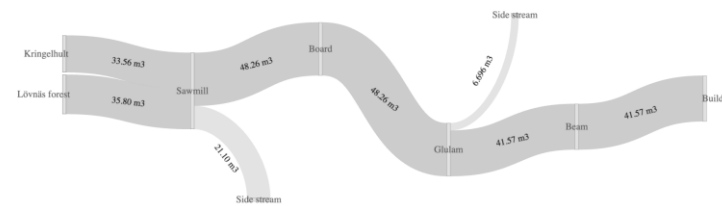
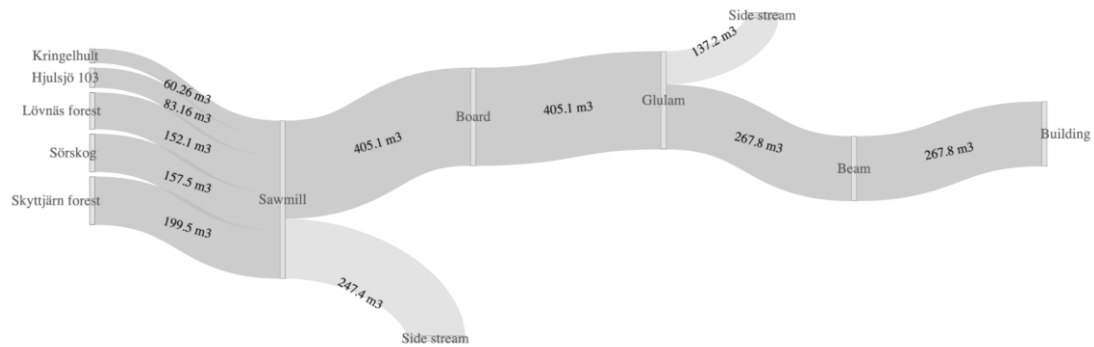
Export schema

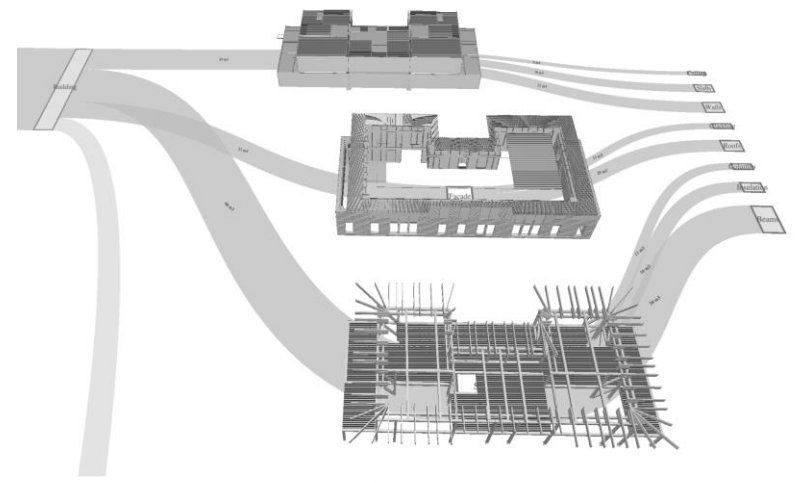
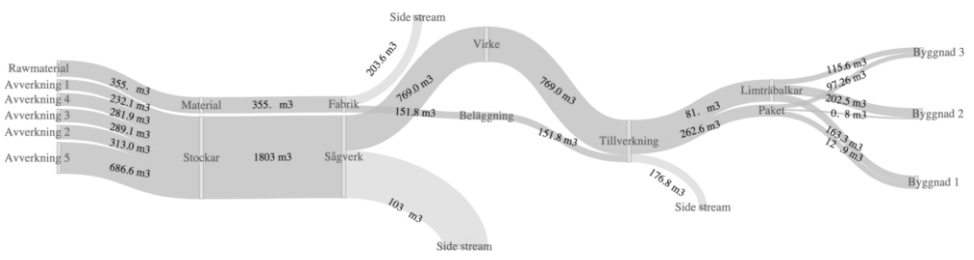
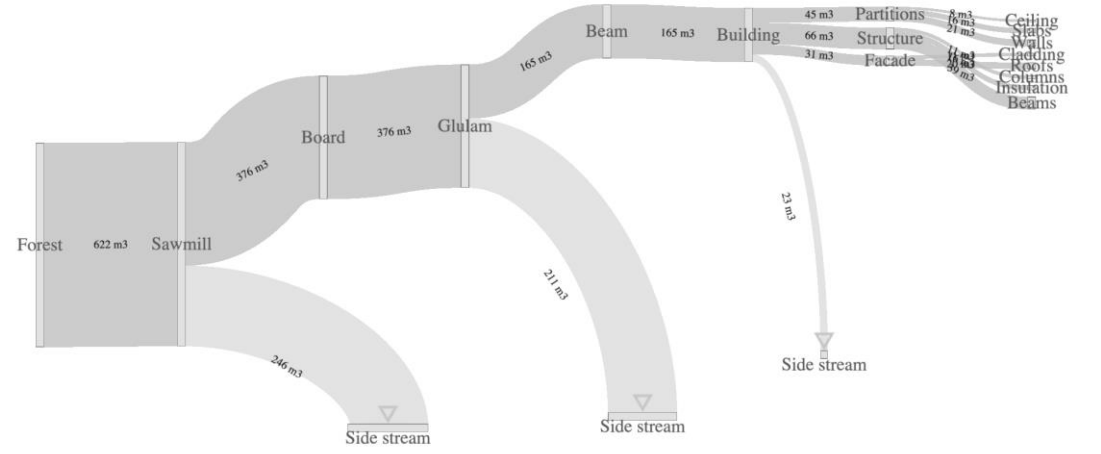
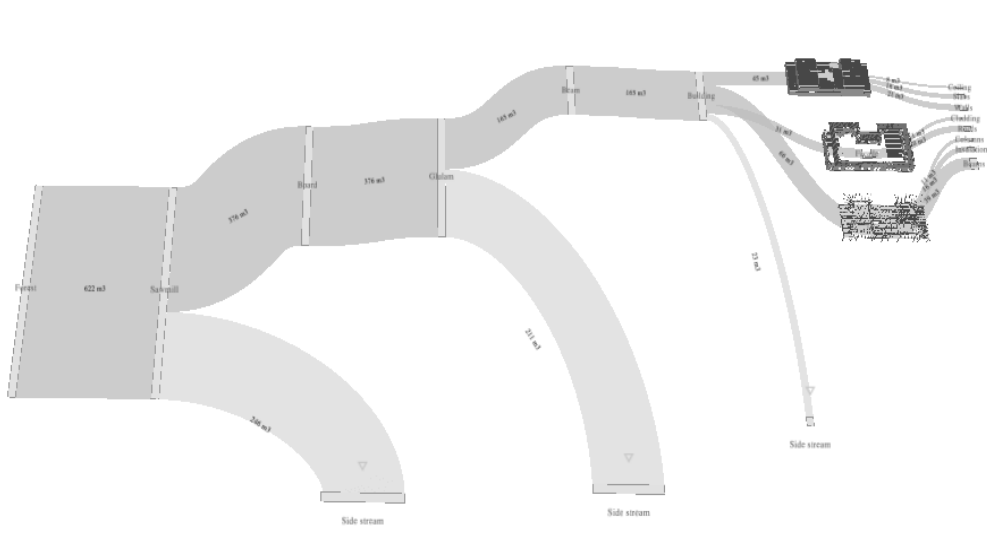


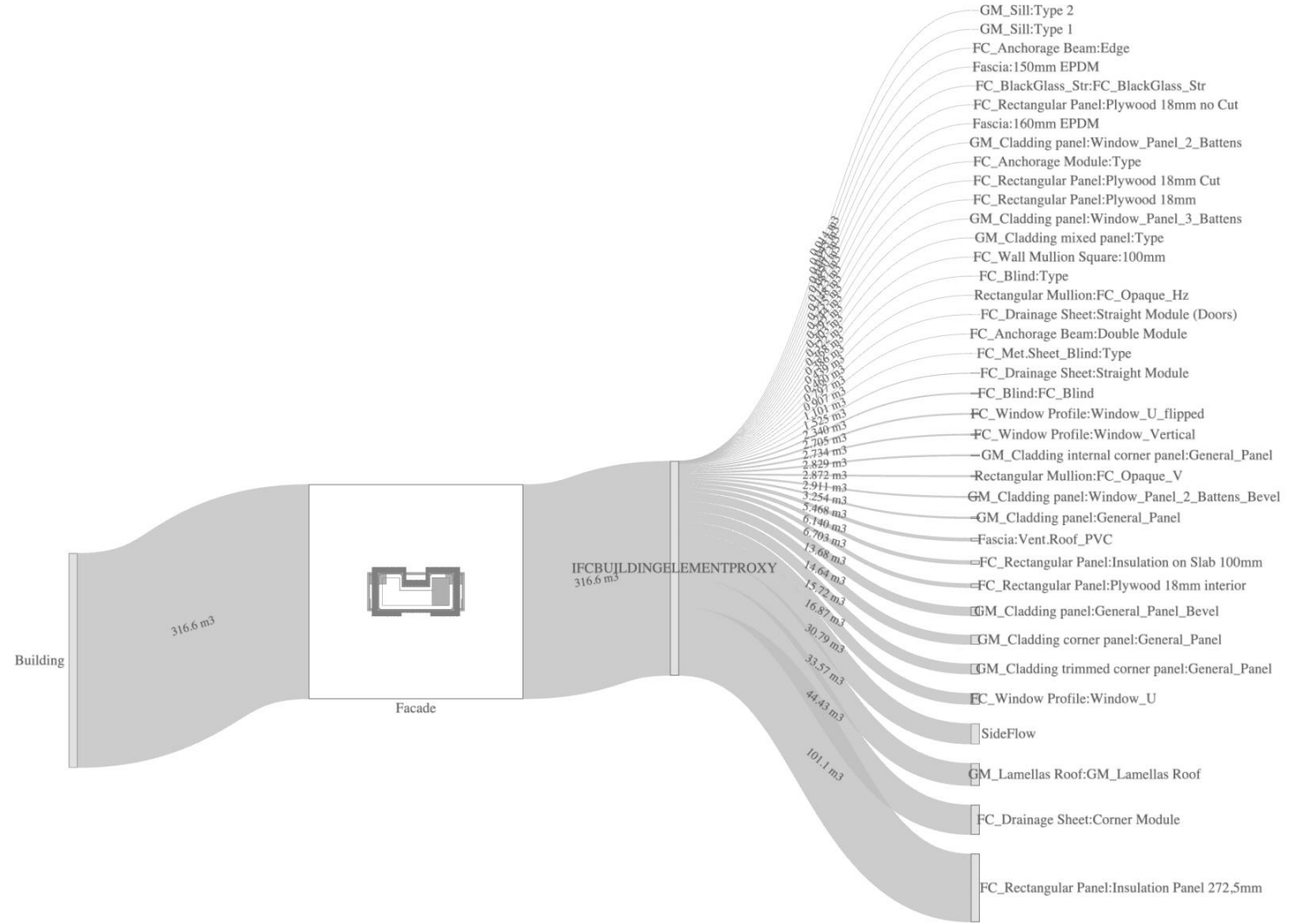
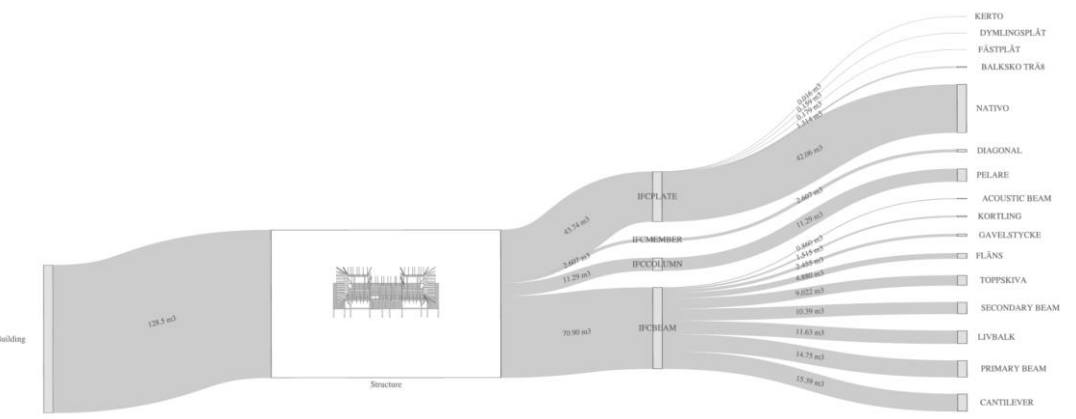
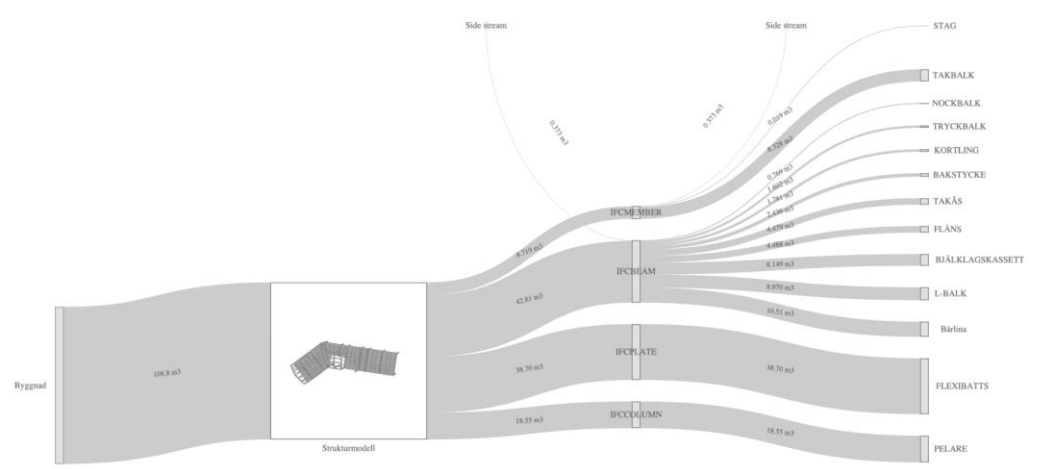


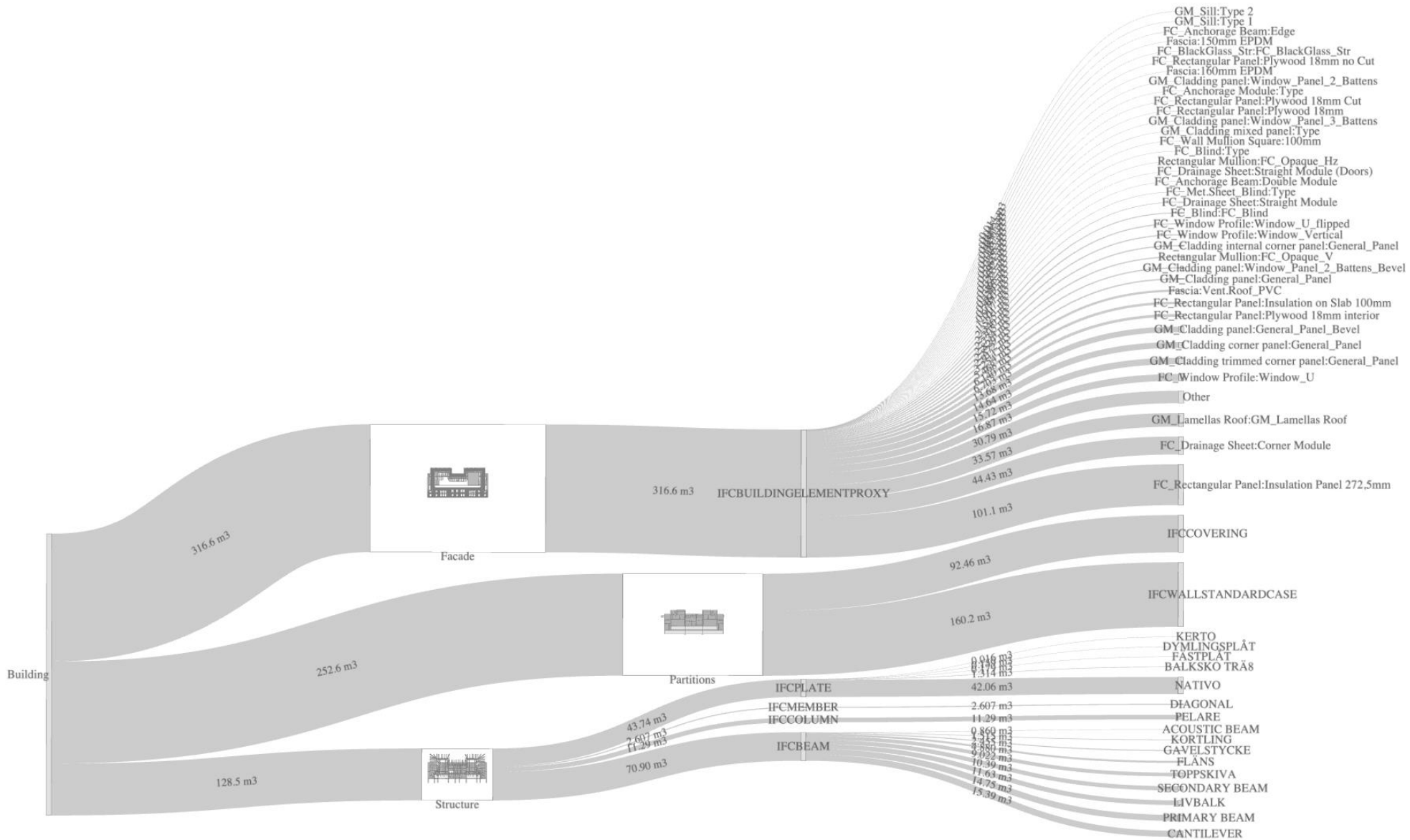


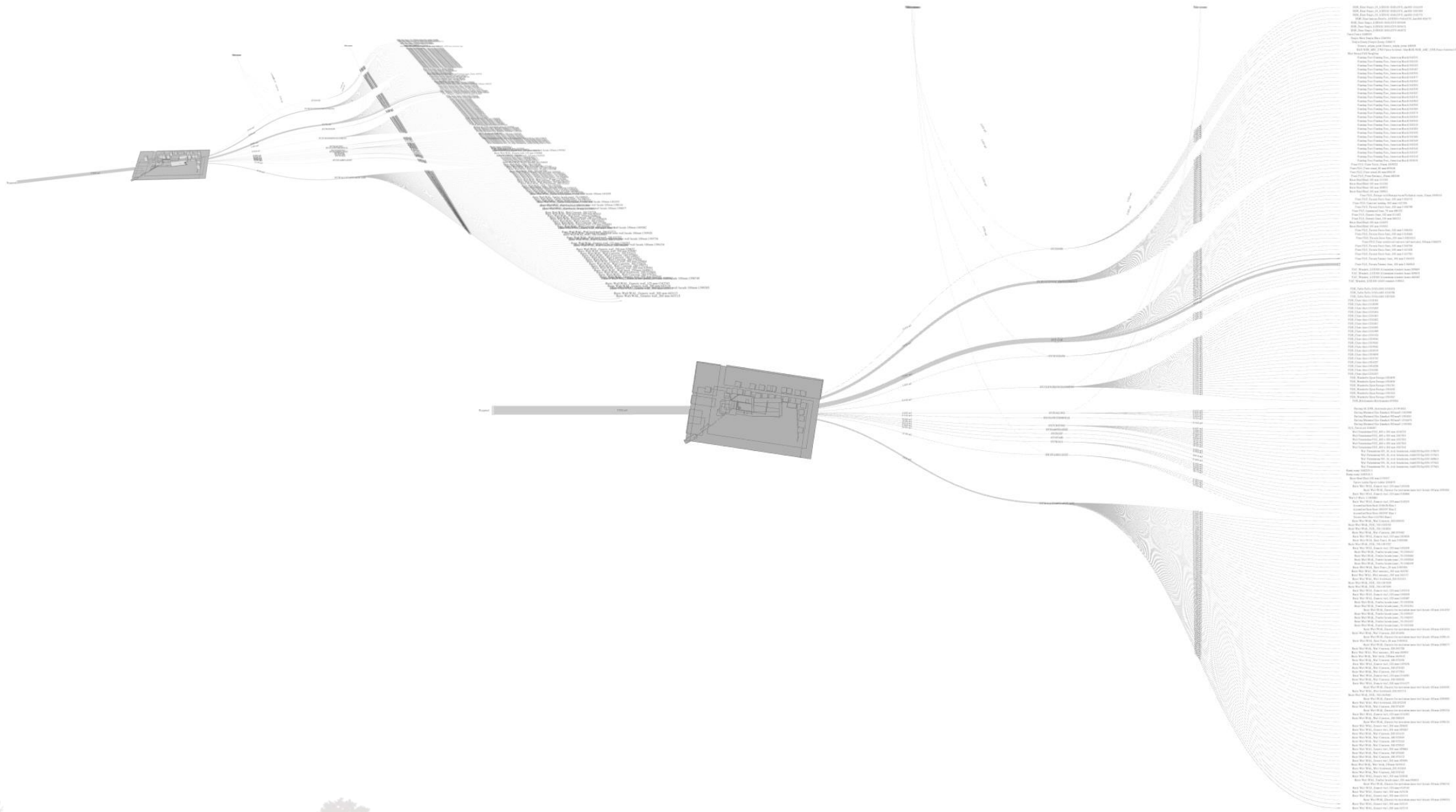


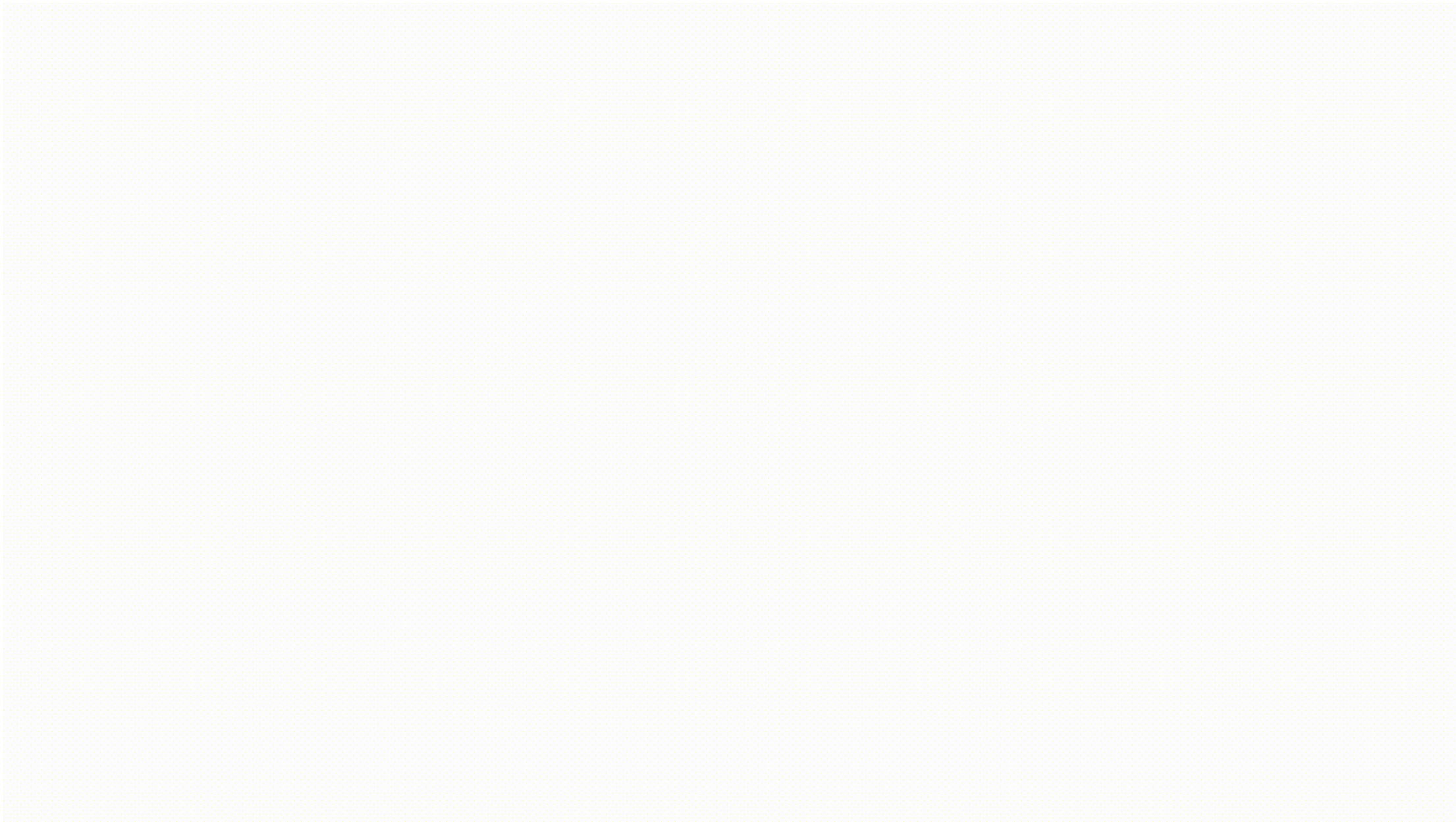








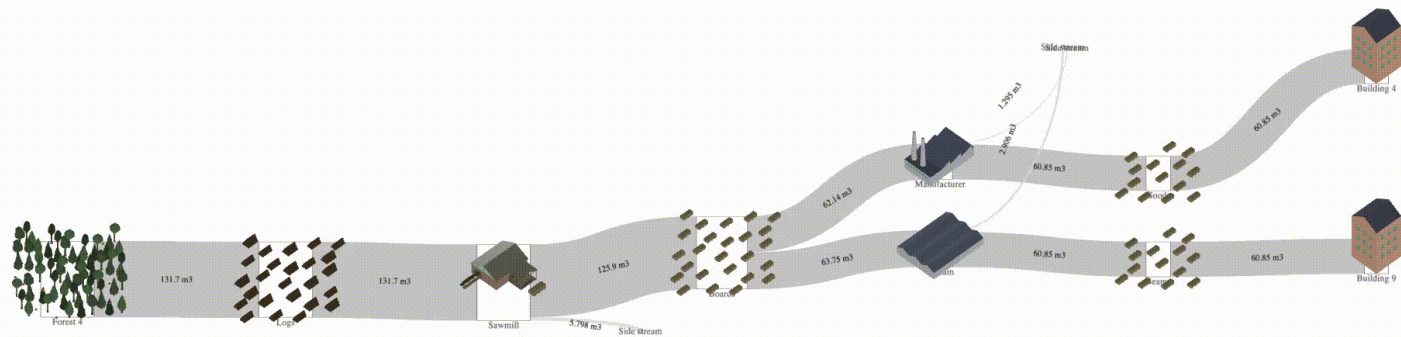
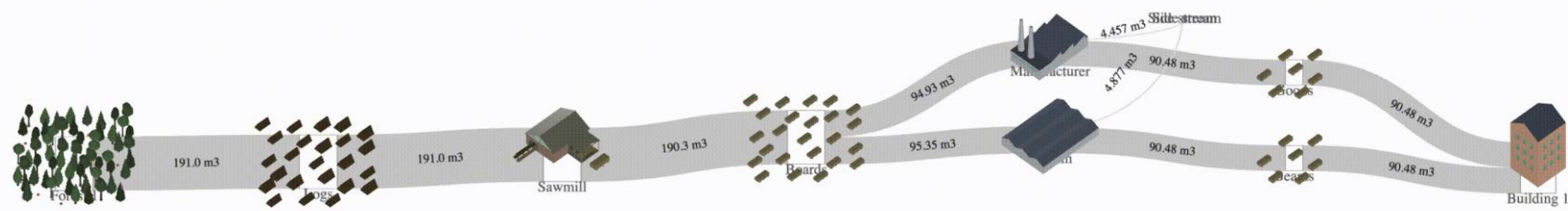




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Thank you for your attention!

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