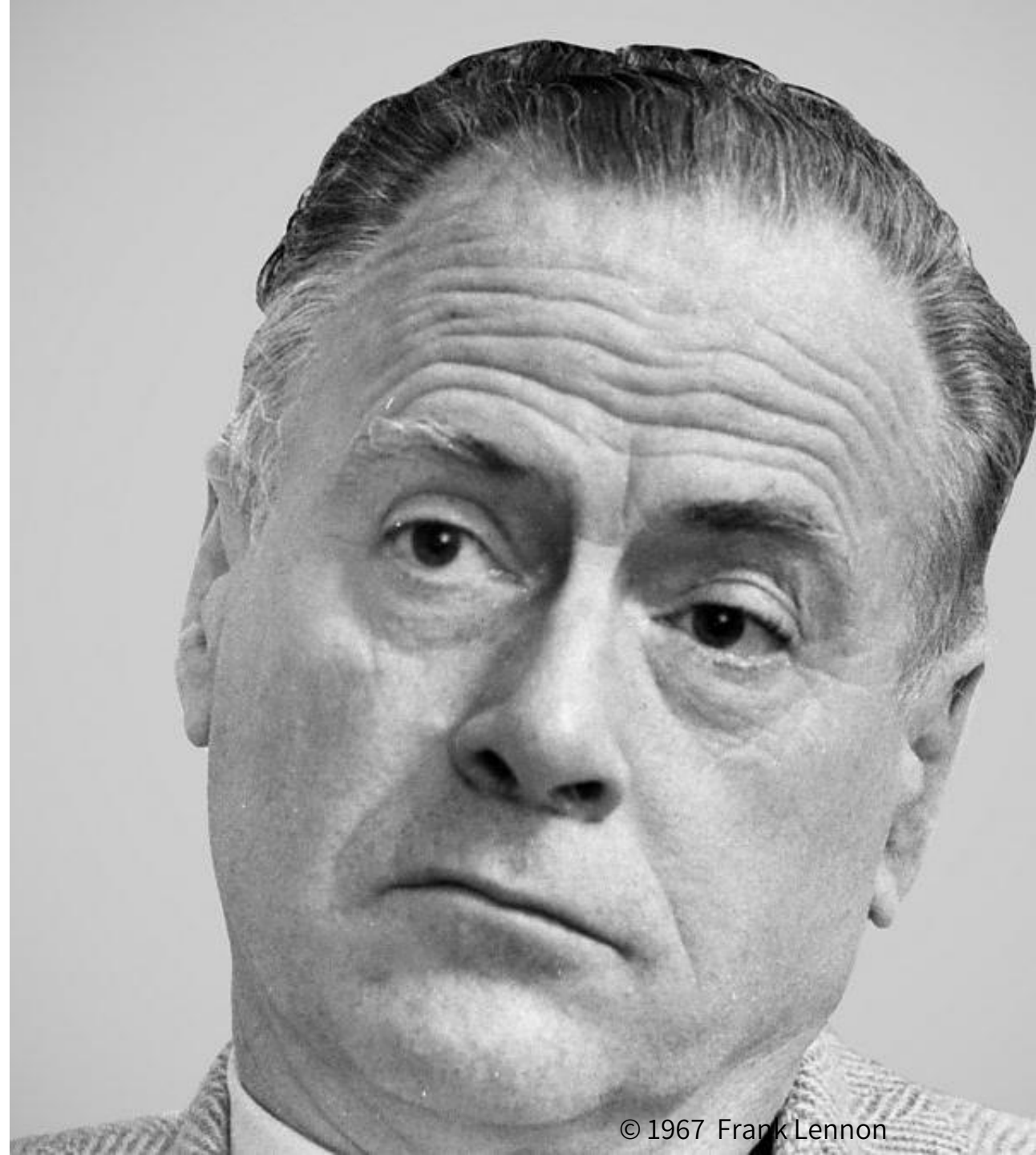


Combining views on material commons

BEDA Bureau of European design associations



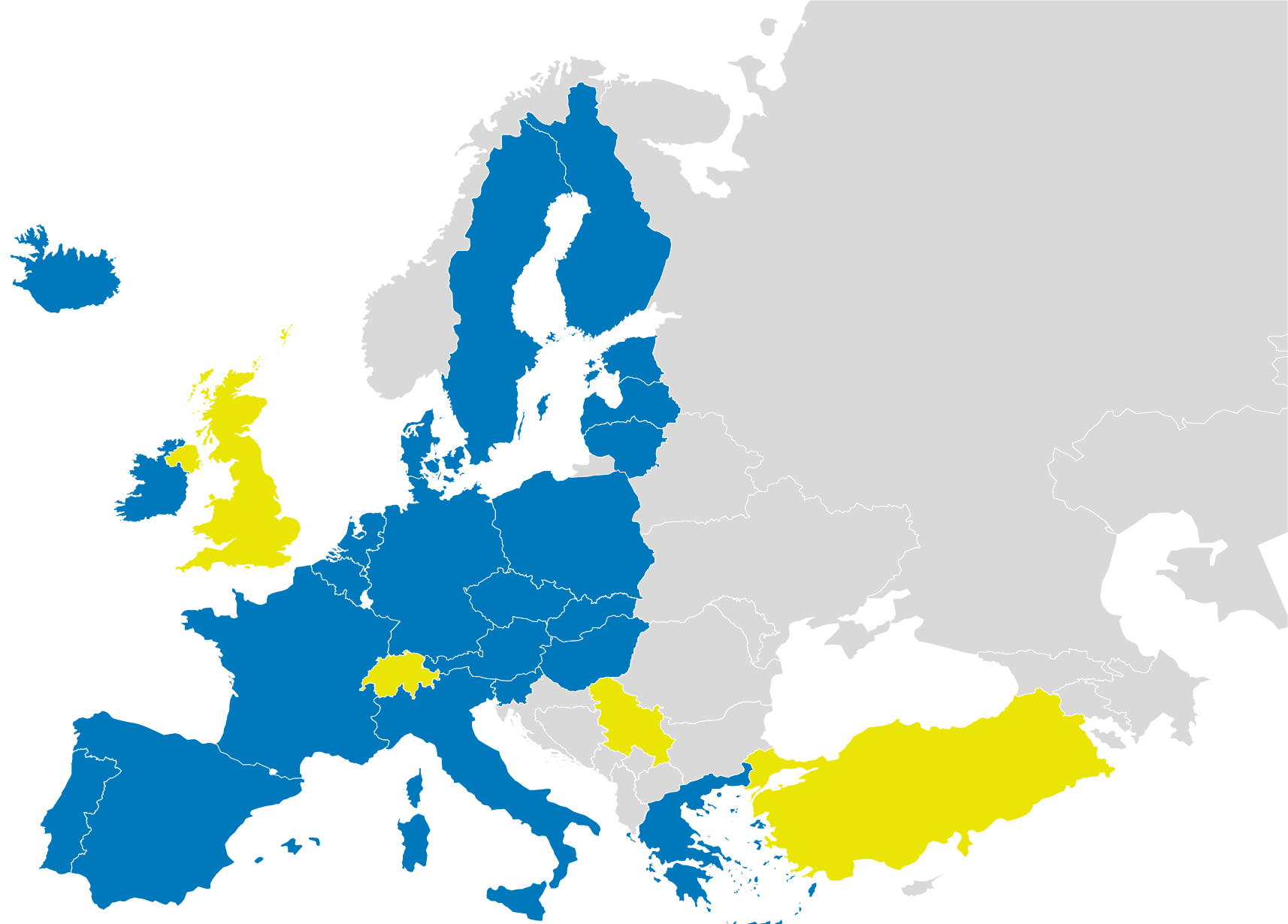
... and then suddenly we encountered the electric or electromagnetism, which seems to have a totally different principle. ...



Who?

50+ members spanning

- 28 European countries
- 23 EU-Member states



BEDA

The Bureau of European
Design Associations

How?

By taking stock, leveraging impact, looking ahead – we take action

Since 2019 BEDA has focused on key topics in its policy to position design as a problem framing and solving competence in the EU Commission on decision making level: sustainable growth, digitalisation and inclusiveness to contribute to the success and prosperity of Europe through design.

Focus points

Ecology

Use design for circular economy to lead the paradigm shift and ‘close the loop’ by innovating production means and methods and changing consumer behaviours

Economy

Co-design the new future-proof Industrial Strategy

E-Europe

Promote the triumvirate of design, data and digital for a modern world

Ethos

Use design to create visions for the future, different scenarios and perspectives to inspire and create discussion on the future of Europe

Input keynotes on material commons

Basajaun Project

Andreas Rudernå

The design perspective

Lars Ericsson

From Slabbinck to Quifactum

Christof Ameye

Podium discussion / Q&A



BASAJAUN

The Forest to Building Digital Framework (F2BDF)

Digitalisation of the wood value chain

Towards Materials and Manufacturing Commons ◦ Berlin 4 April 2023
Andreas Rudenā ◦ Paramountric

basajaun-horizon.eu



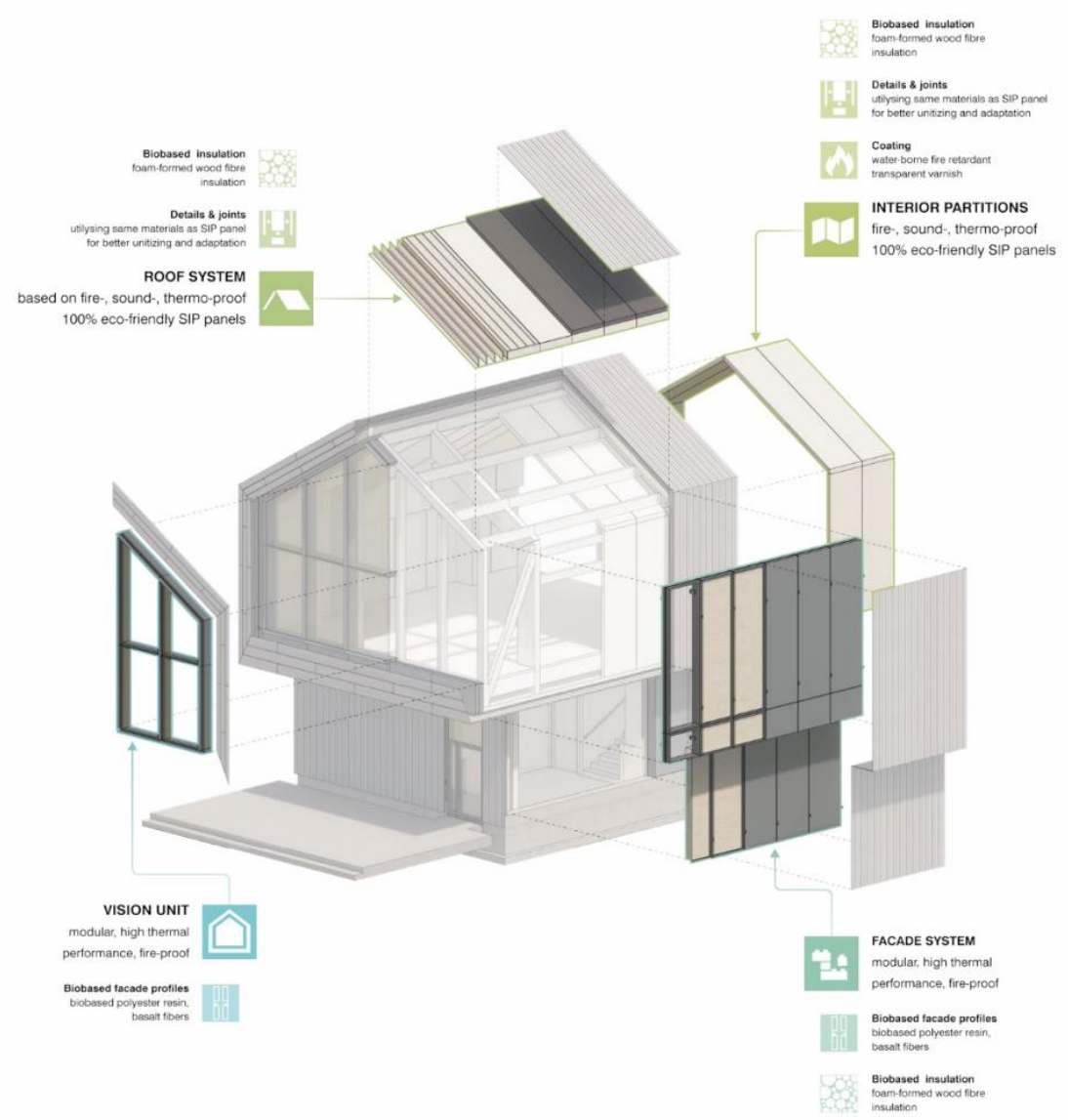


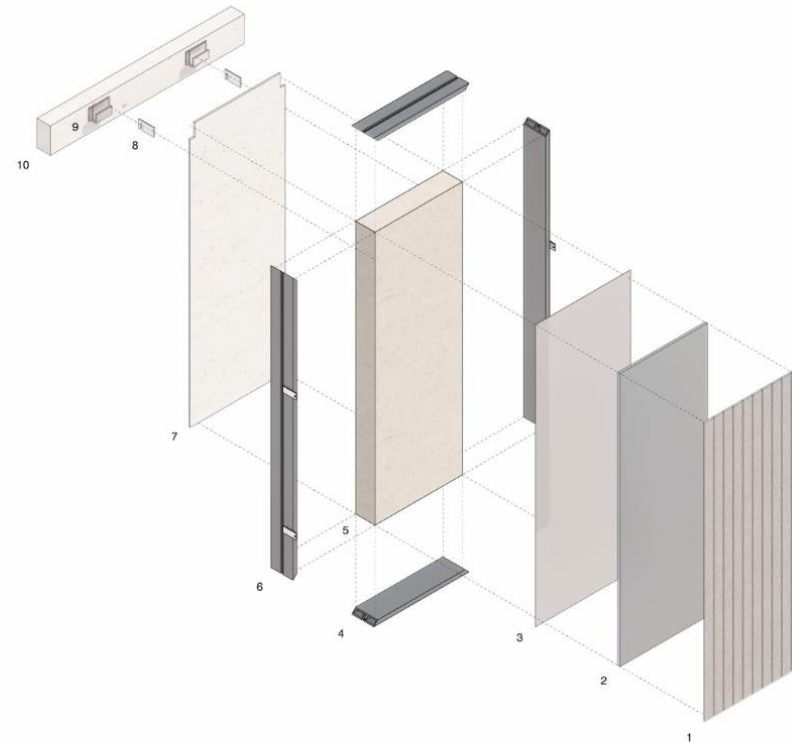










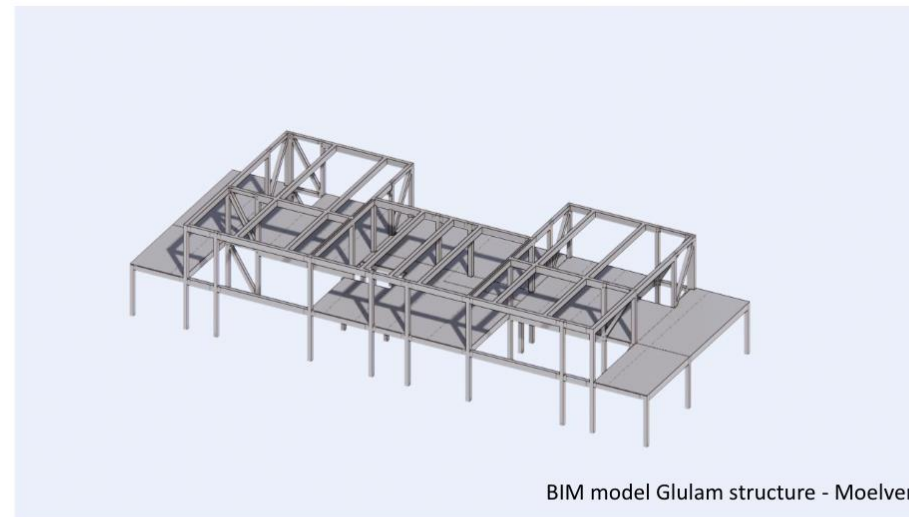


- 1. Tongue and groove profiles
- 2. Profiles substructure
- 3. Waterproofing
- 4. **Biobased facade profiles**
biobased polyester resin, basalt fibers
- 5. **Biobased insulation**
foam-formed wood fibre insulation
- 6. Panel-to-panel connector
- 7. Plywood
- 8. Male mount on the panel
- 9. Female mount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

Main partners façade : Focchi, Omikron, ENAR



BIM model interior / foundation - UNStudio



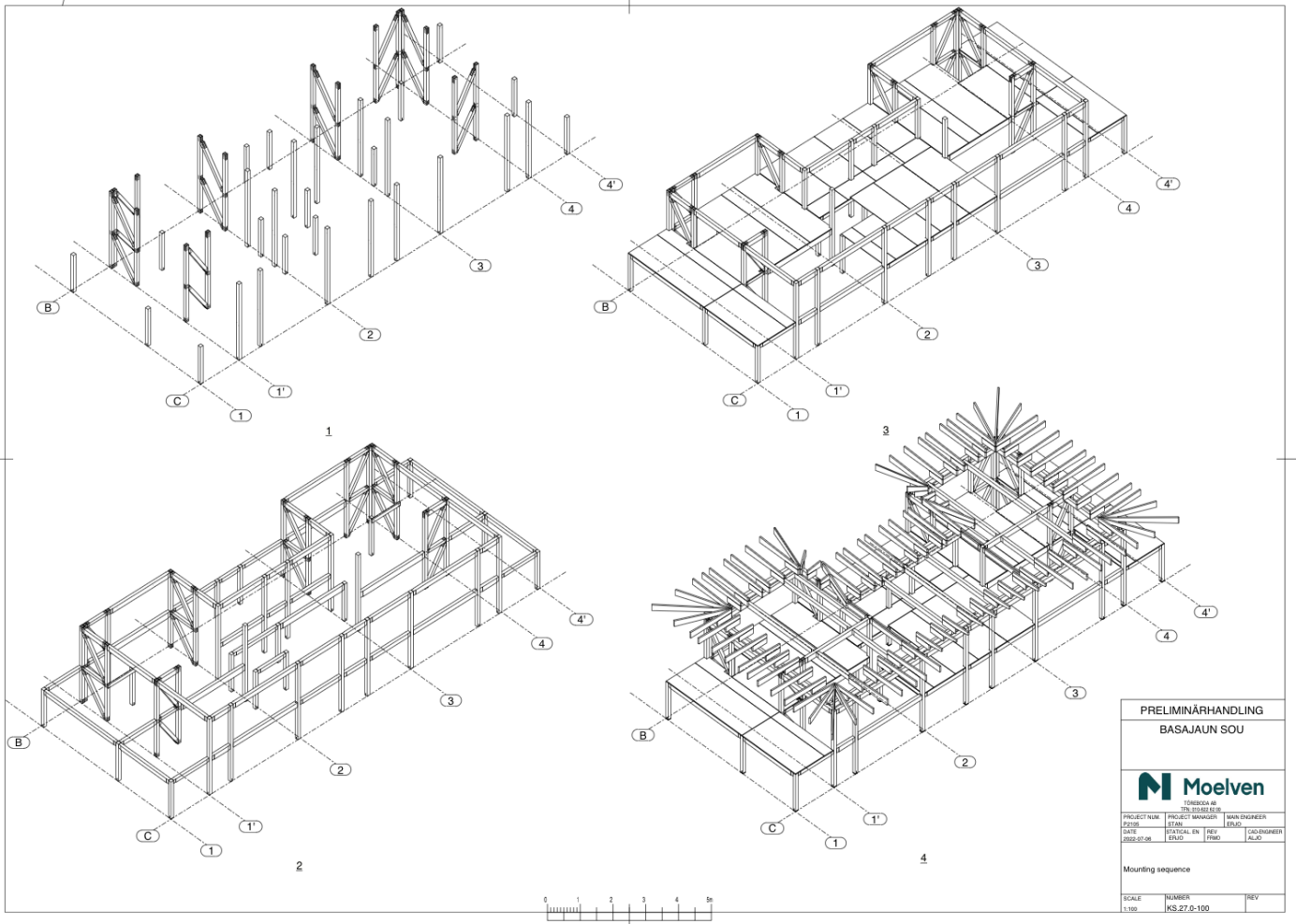
BIM model Glulam structure - Moelven



BIM model façade / roof modules - ENAR



BIM model façade / roof cladding - ENAR



PRELIMINÄRHANDLING			
BASAJAUN SOU			
Moelven			
<small>TÖRVEDA 40 TÄLLVÄGGEN</small>			
PROJECT NO	PROJECT MANAGER	MAIN ENGINEER	
2702	LENA	LENA	
DATE	STATICAL EN	REV	DESIGNER
2022-07-08	LENA	FRAC	ALZ
Mounting sequence			
SCALE	NUMBER	REV	
1:100	KS-27-0-100		



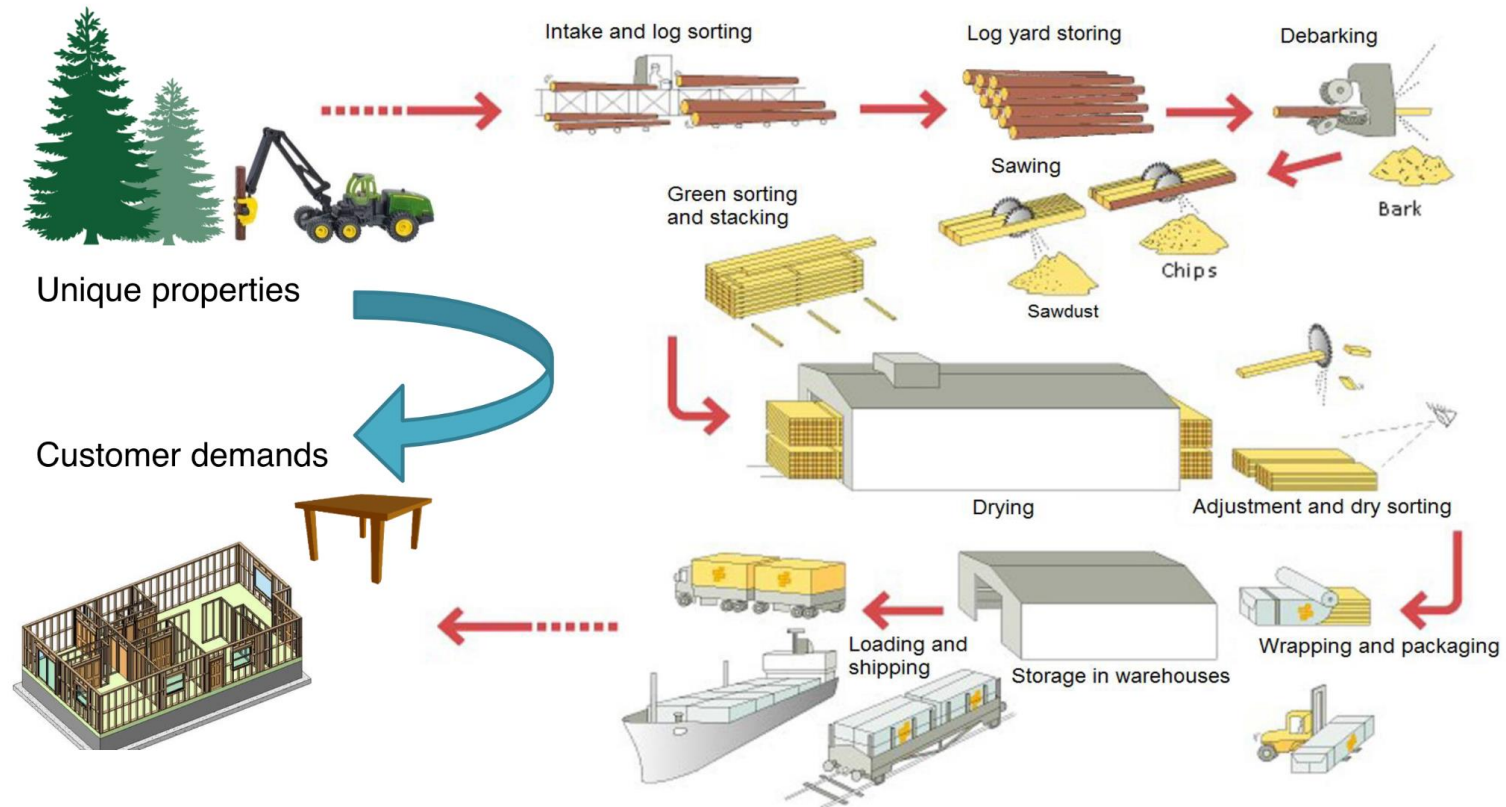


Image by Swedish forest industries federation / RemaSawco

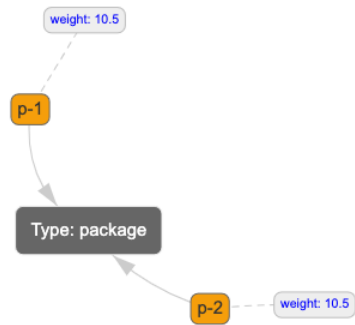
F2BDF – is a tool for how to connect actors along the wood supply chain using collaborative a data flow

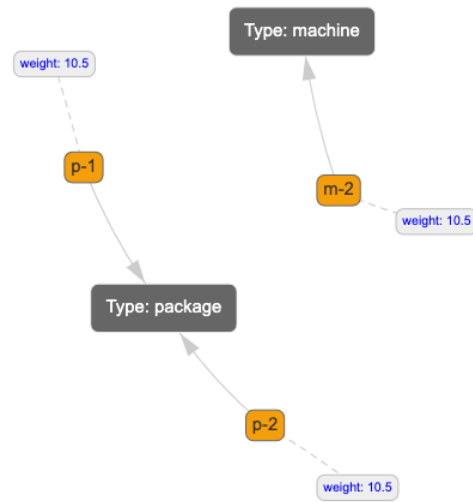


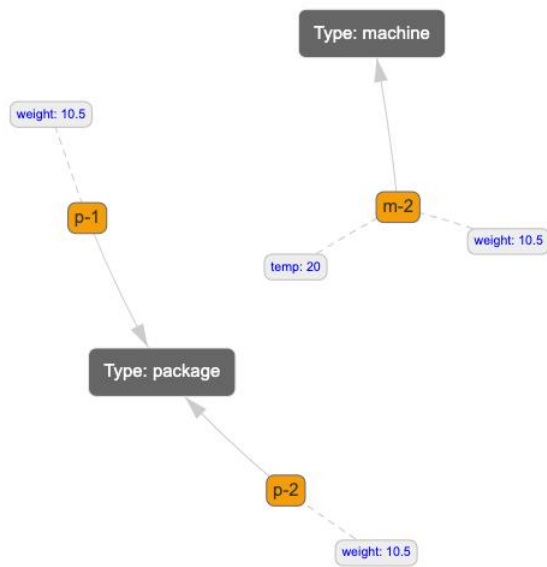
Type: package

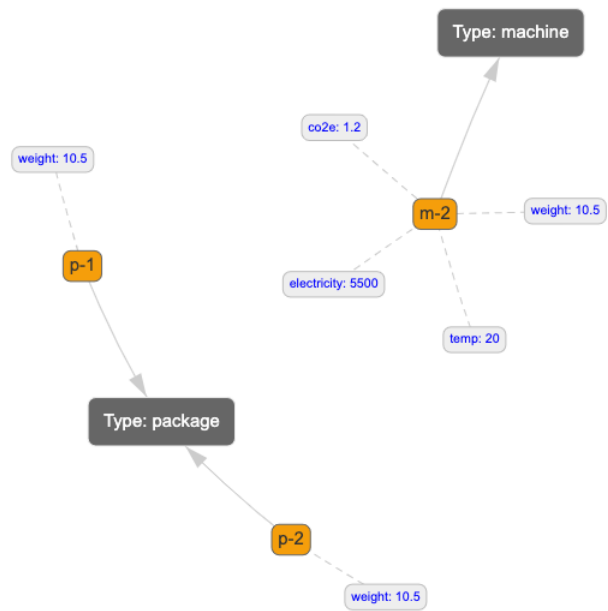


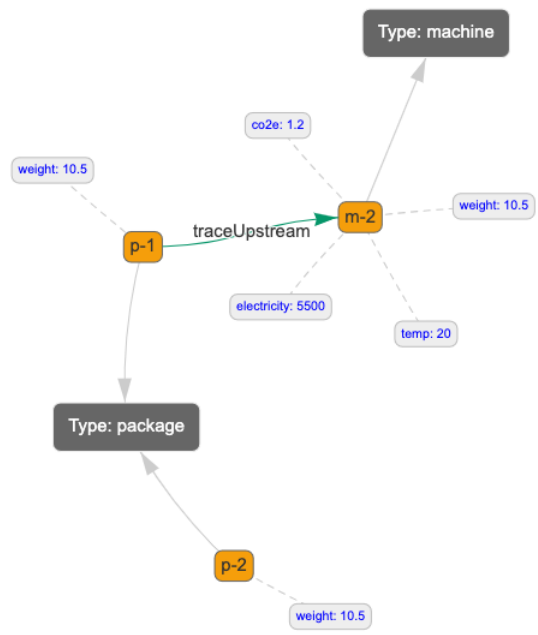












My test model

Options

Send test data

View settings

Clear screen

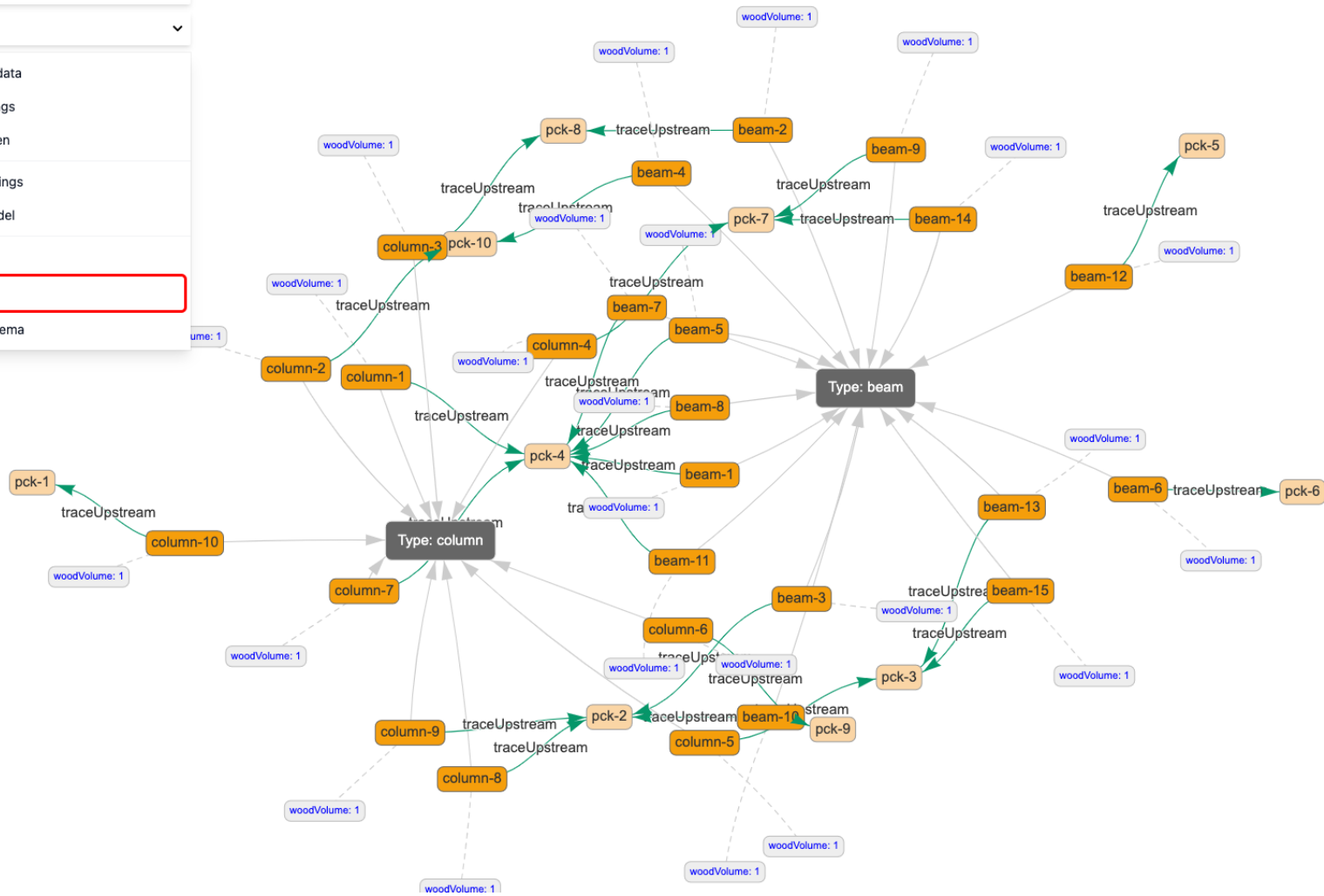
Model settings

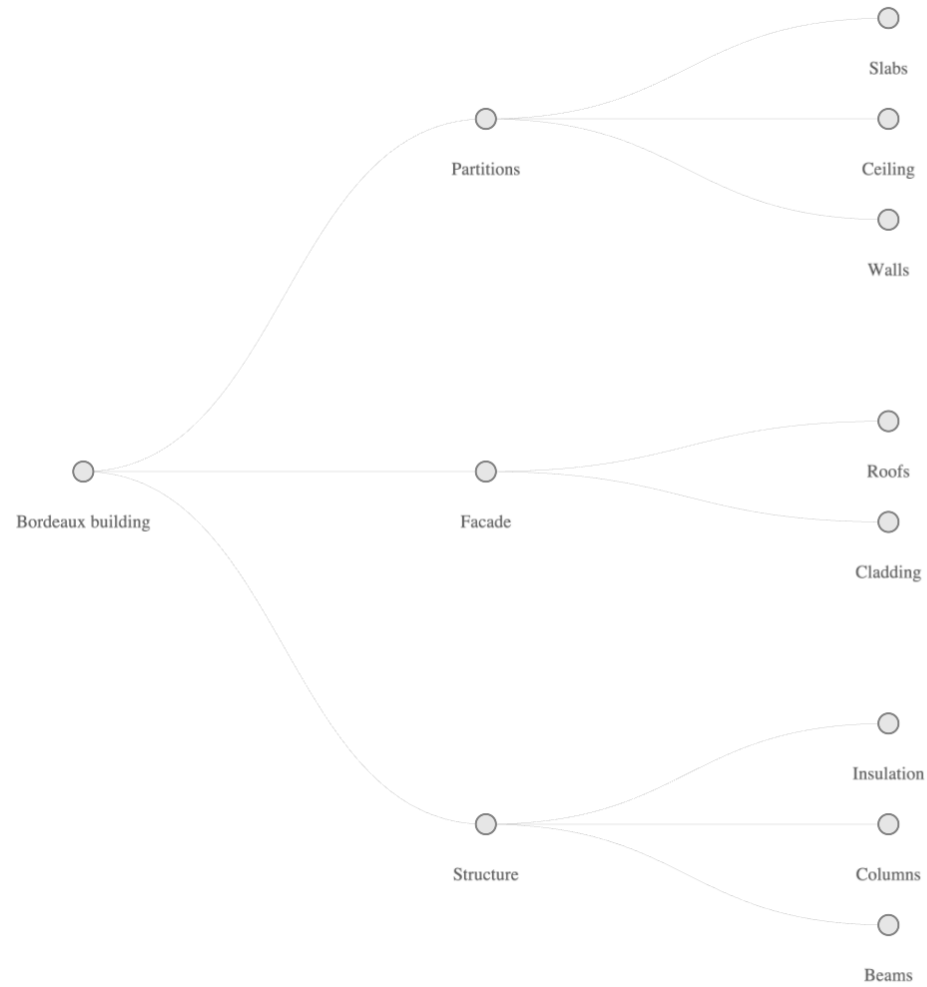
Create model

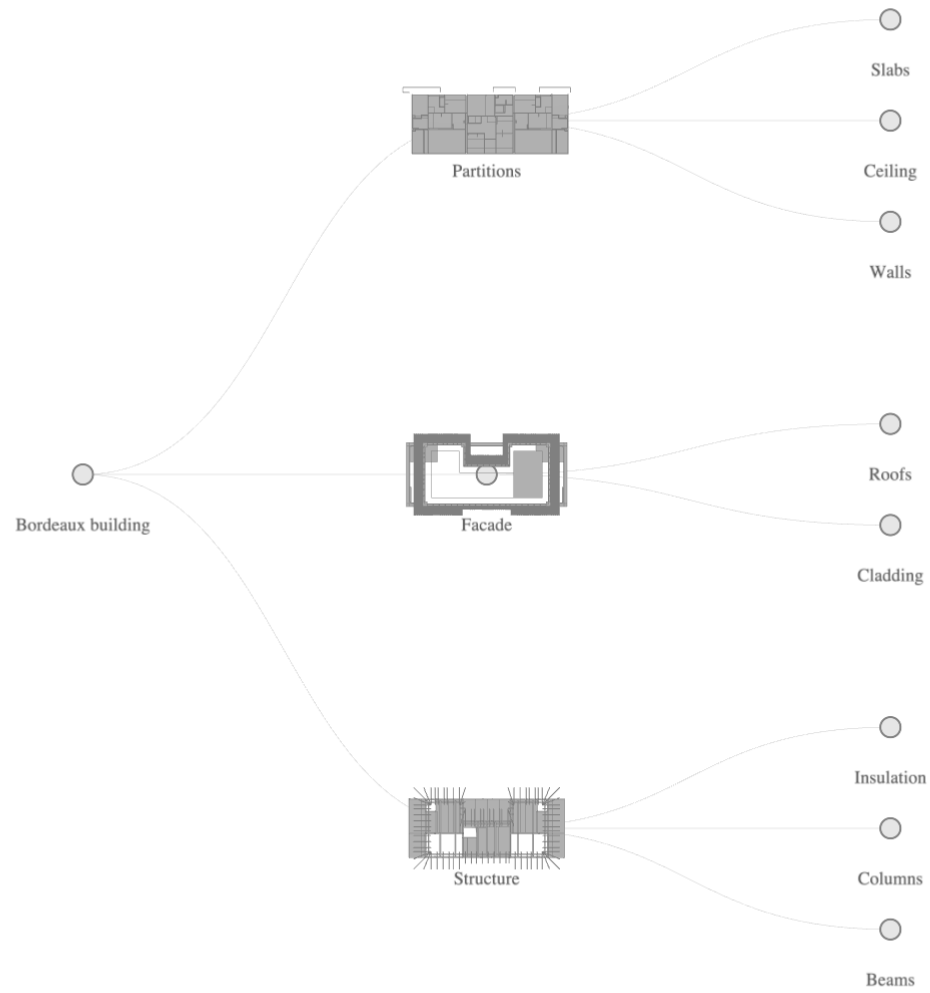
Download

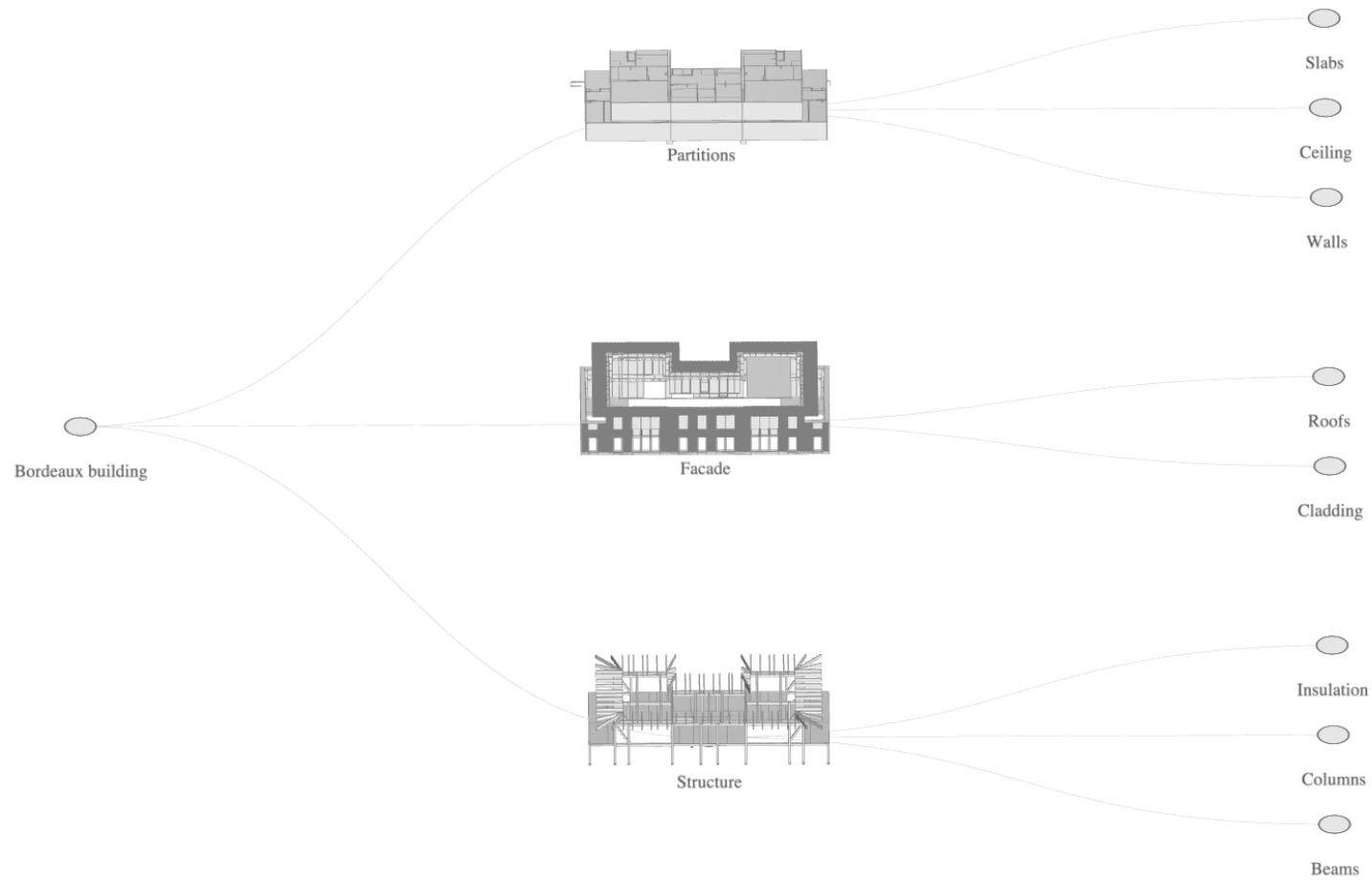
Upload

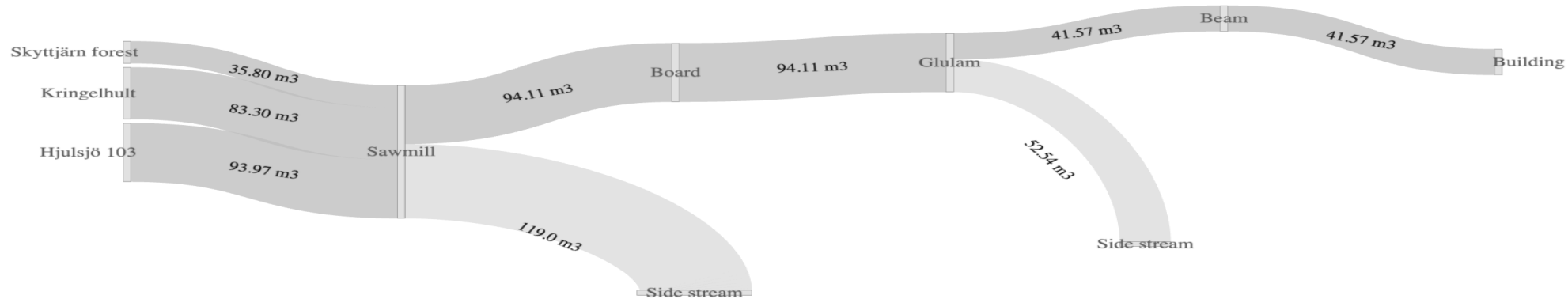
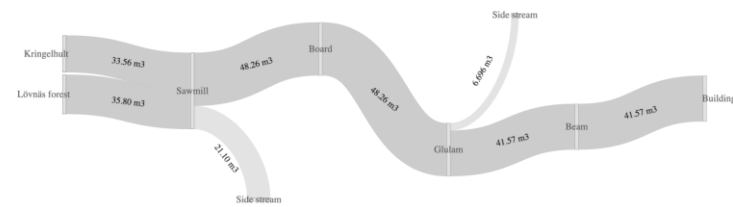
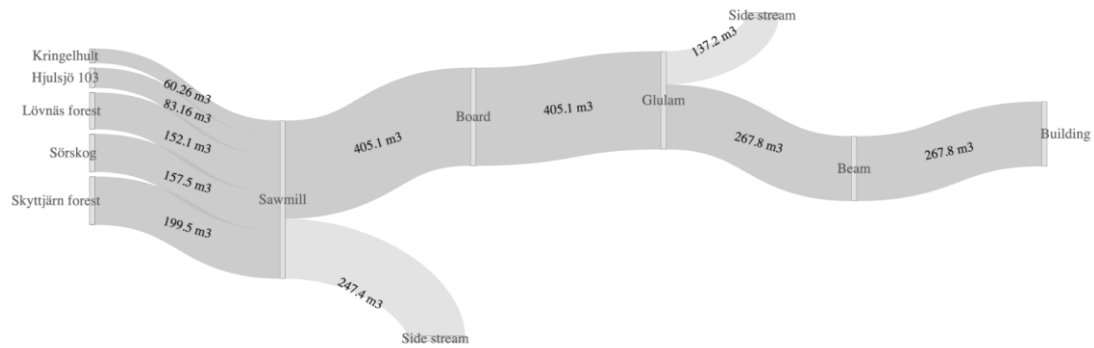
Export schema

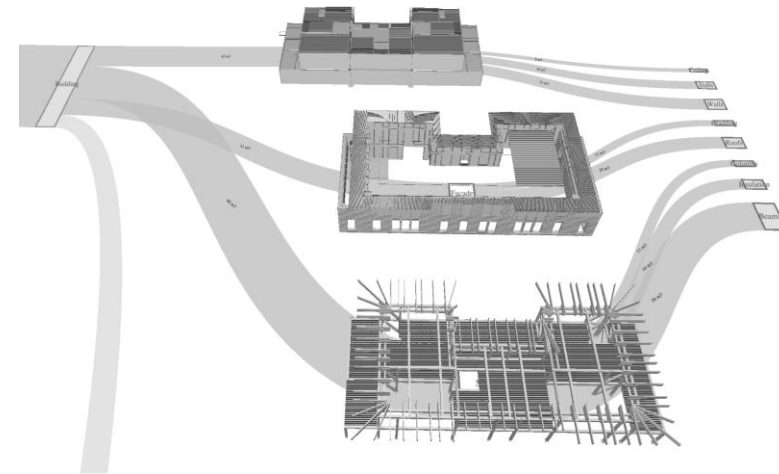
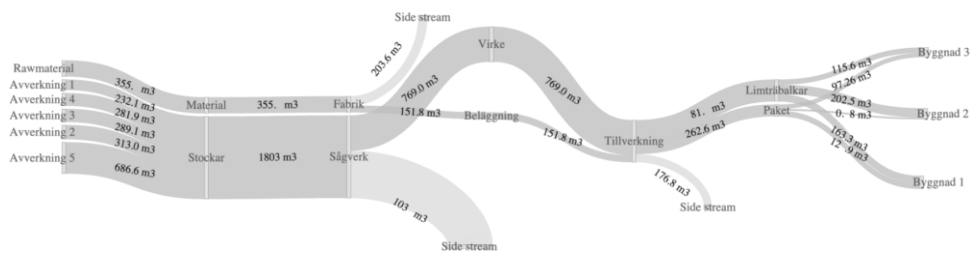
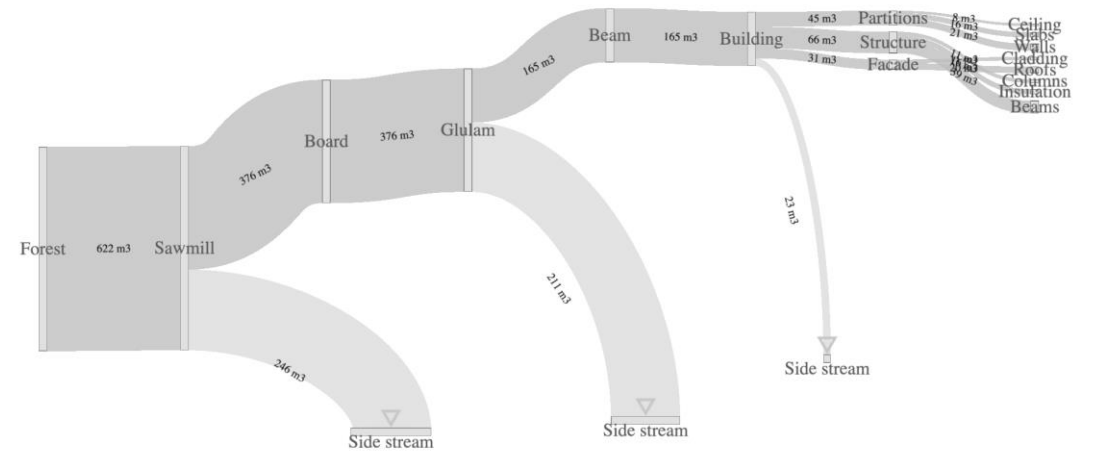
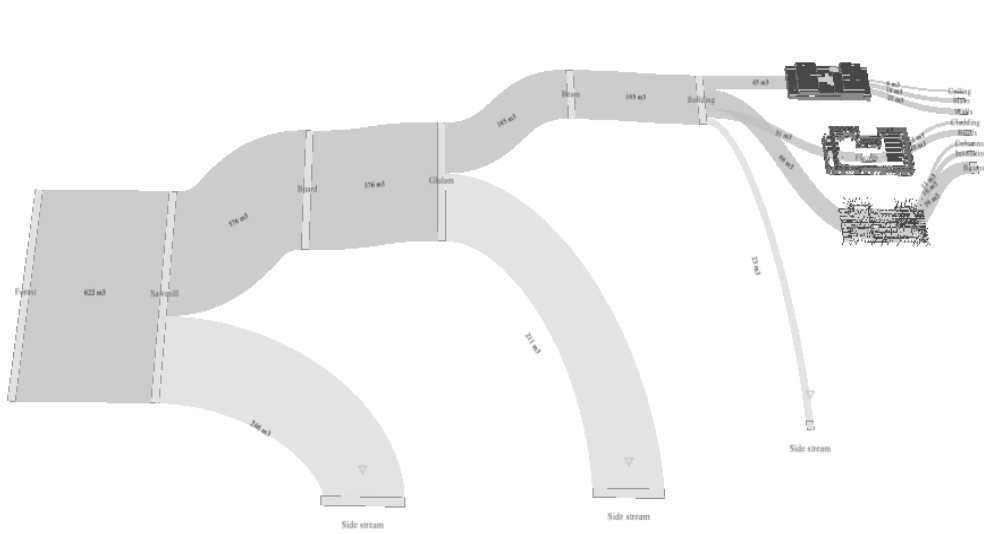


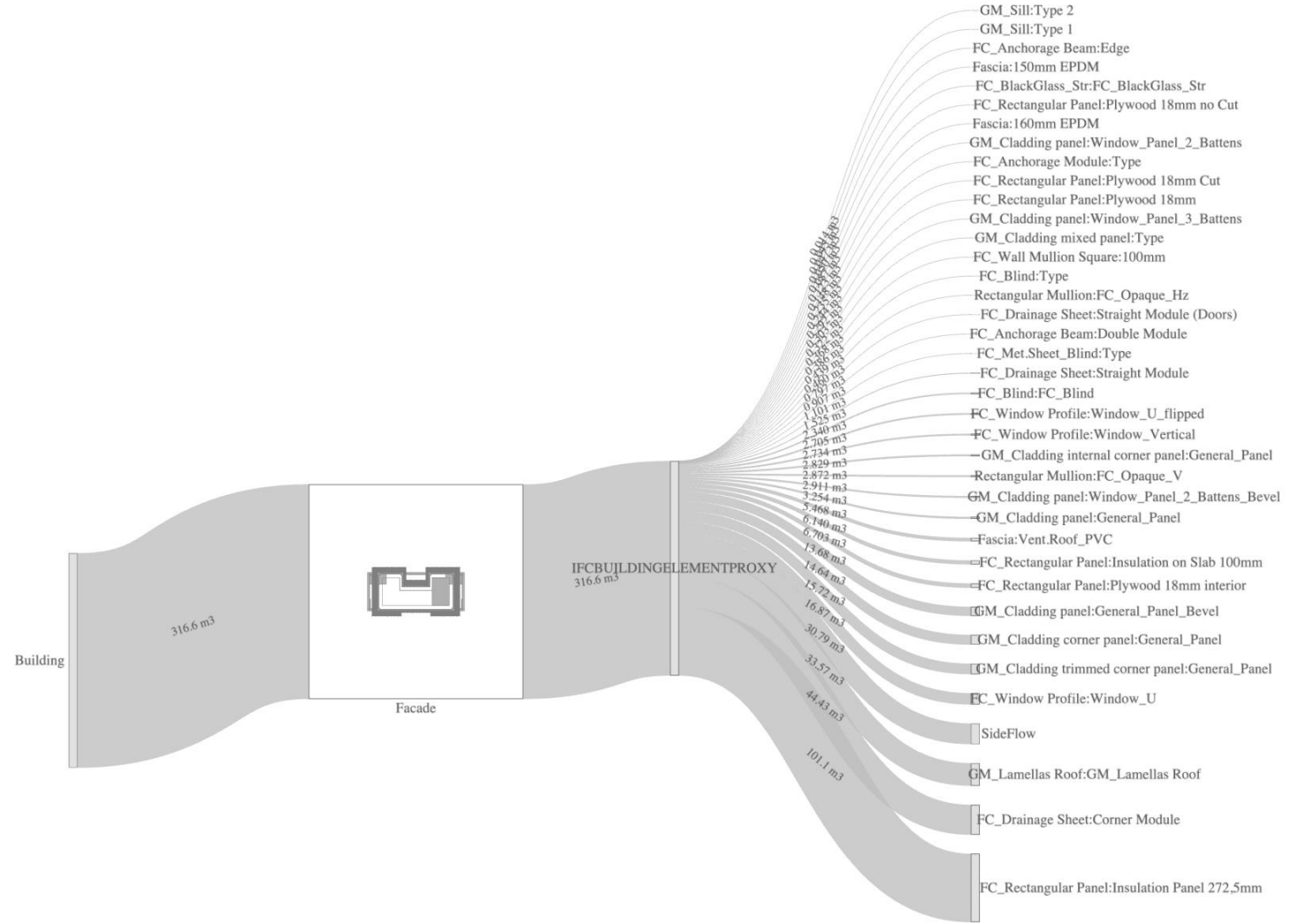
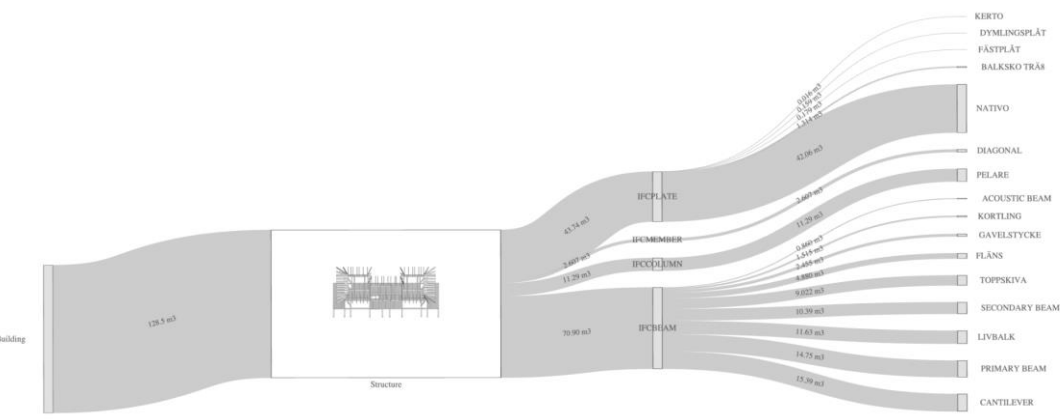
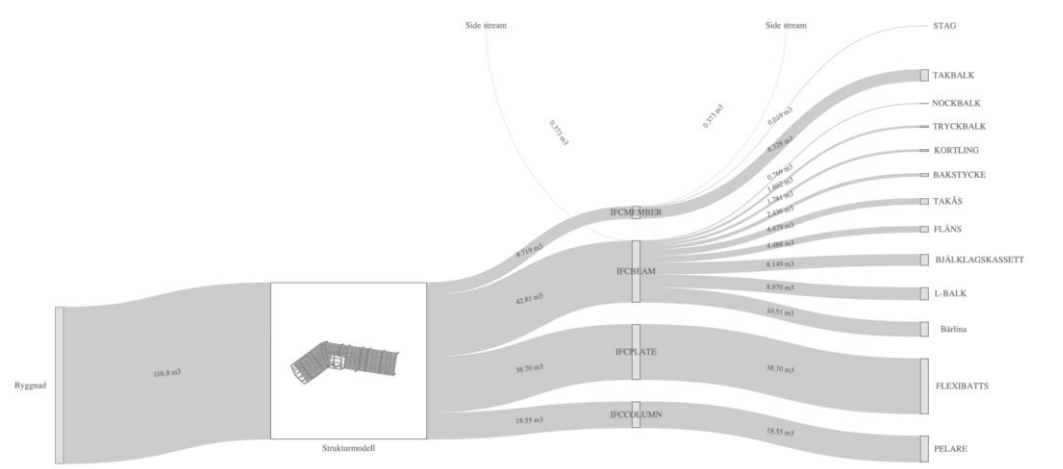


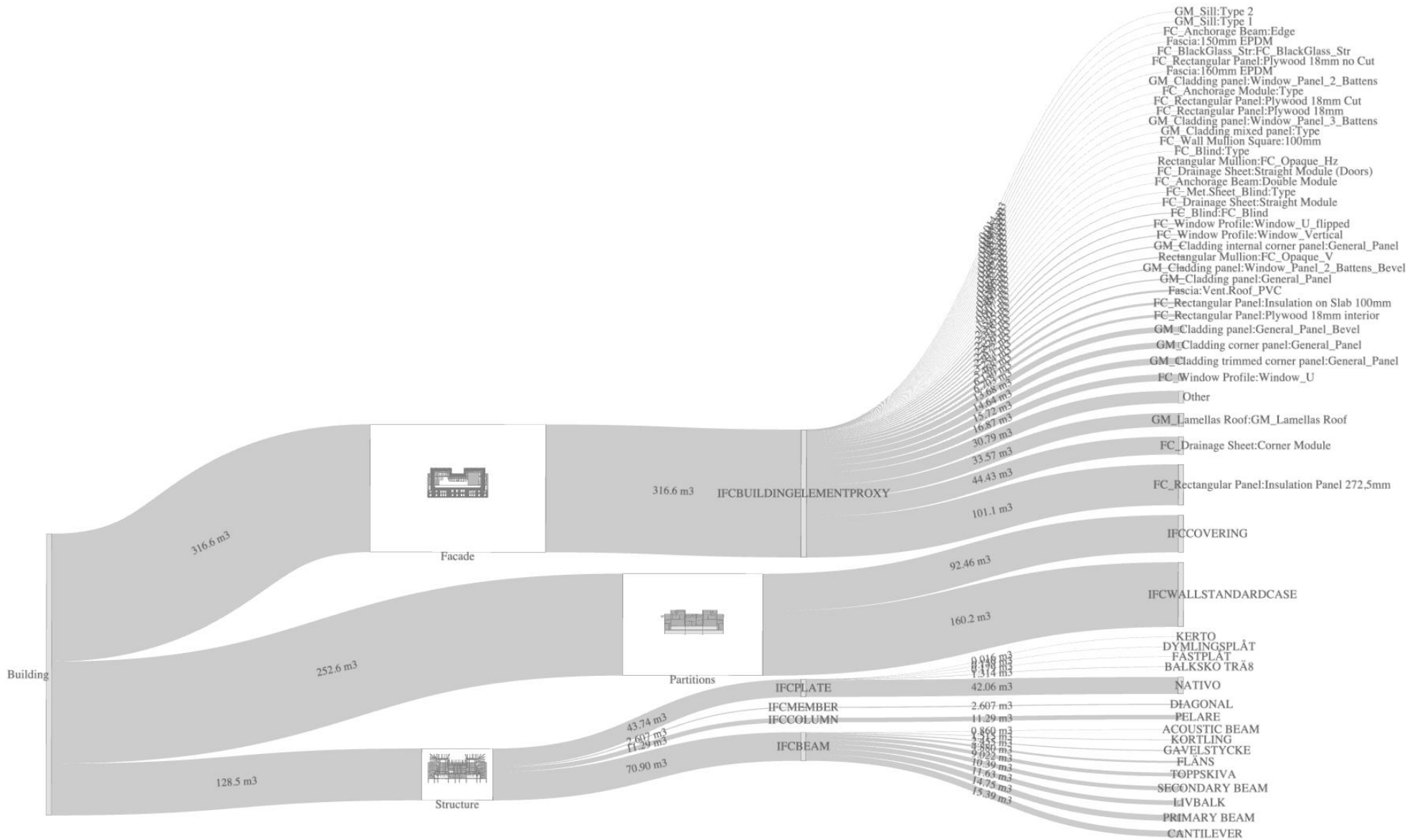


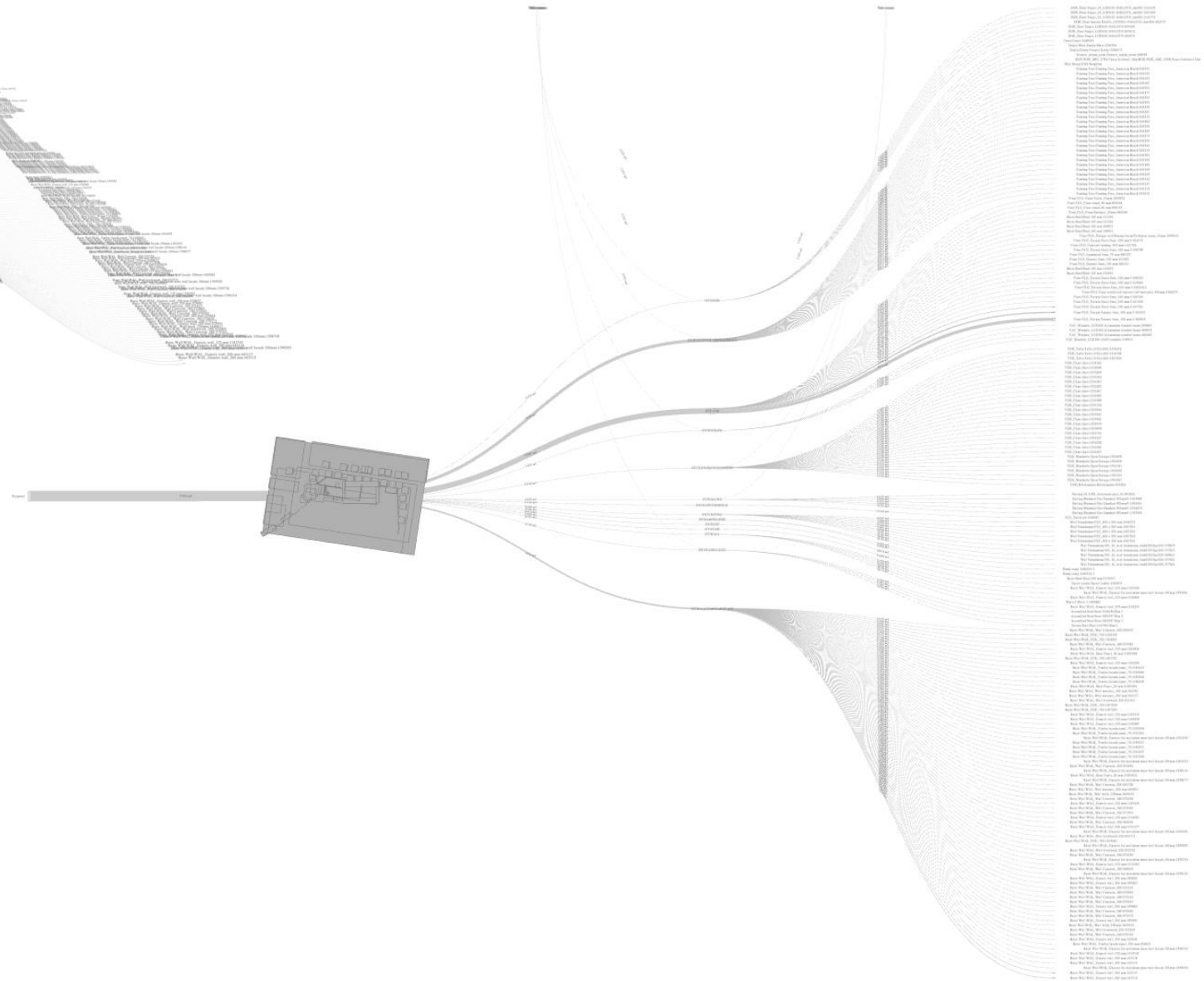
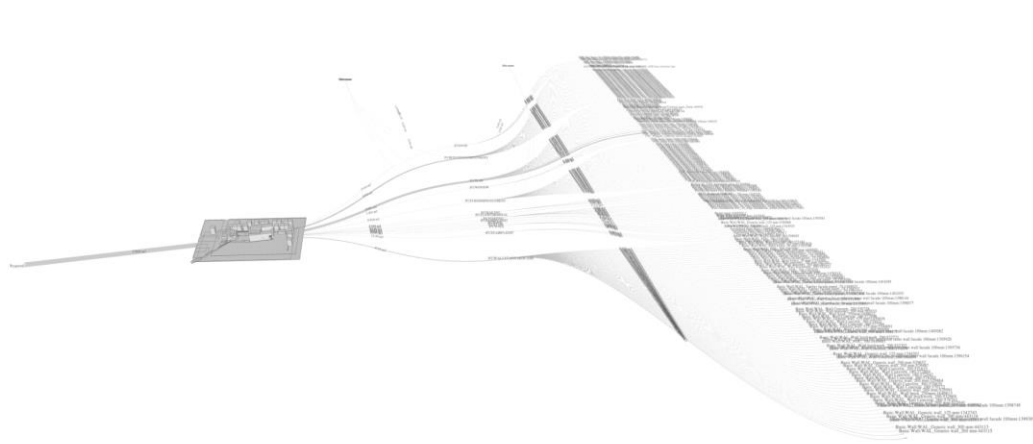


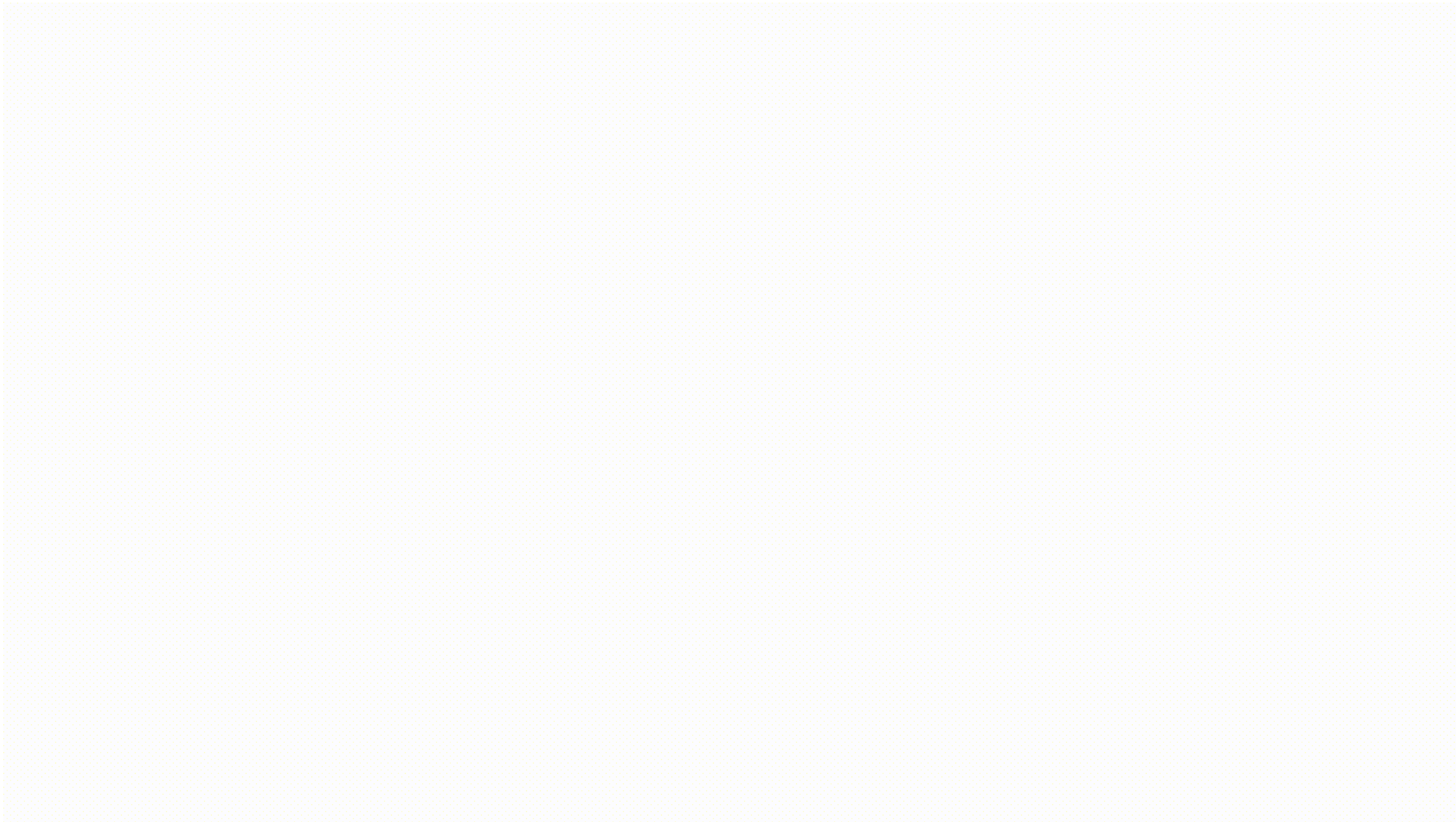


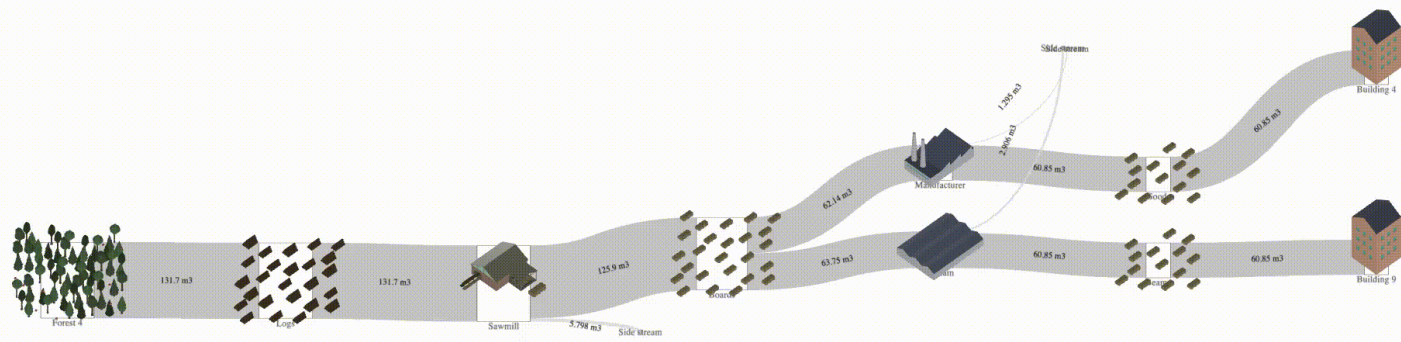
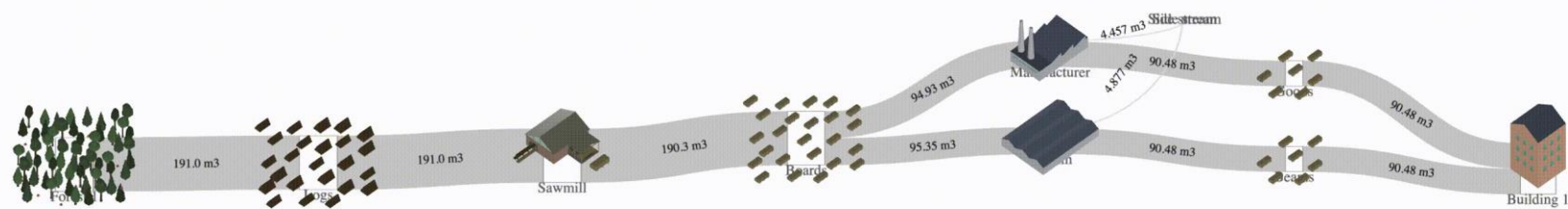














BASAJAUN

Thank you for your attention!

F2BDF - Digitalisation of the wood value chain

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

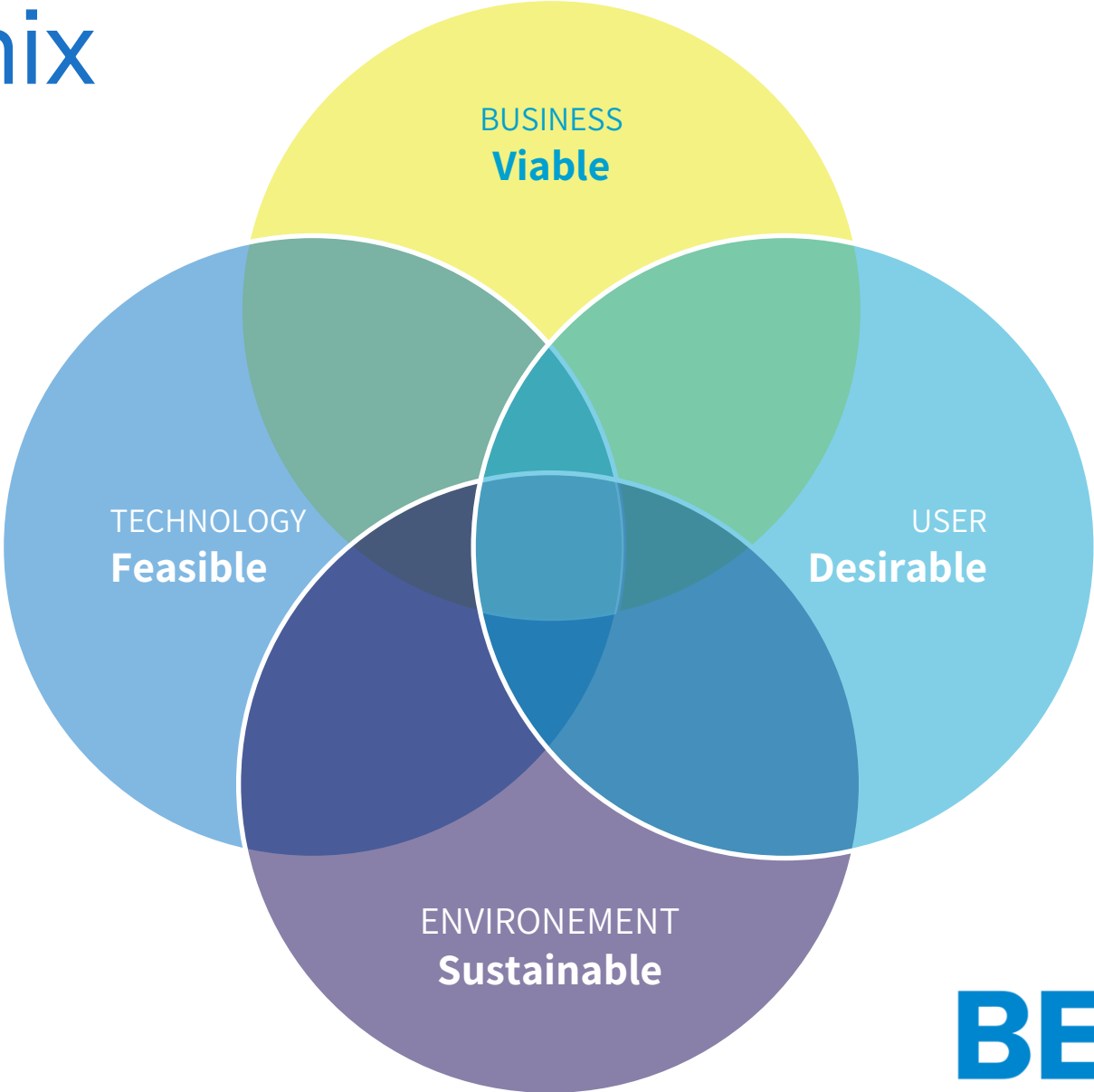
basajaun-horizon.eu

The design perspective

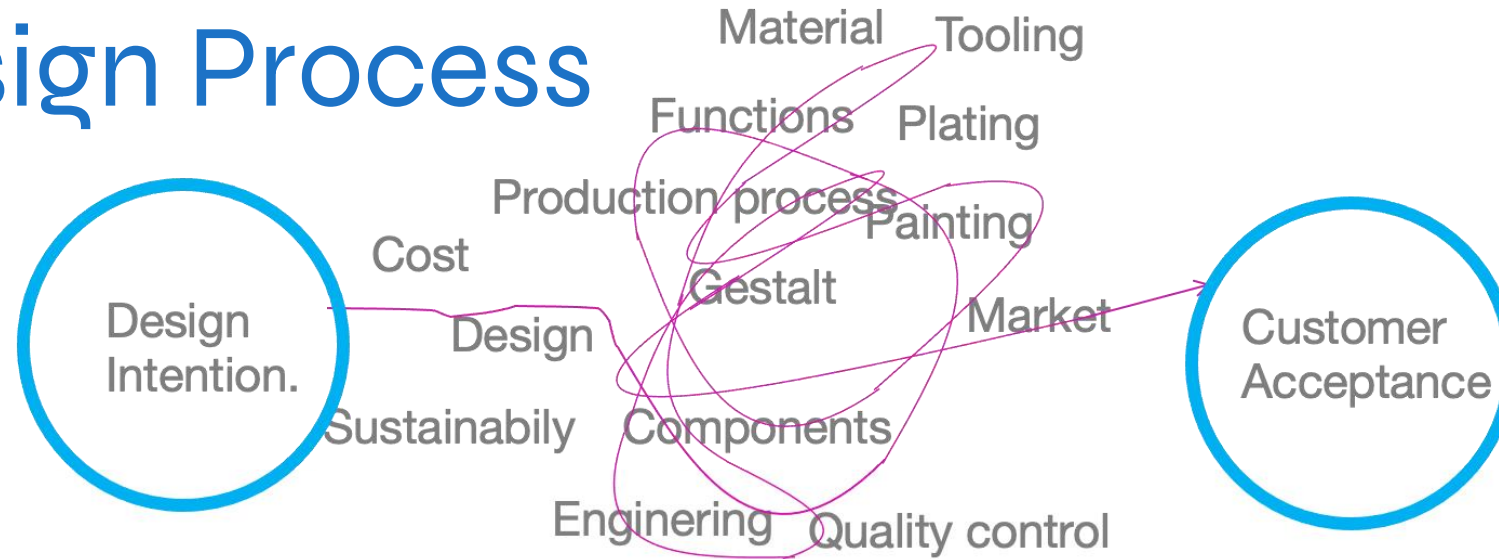
Lars Ericsson

BEDA

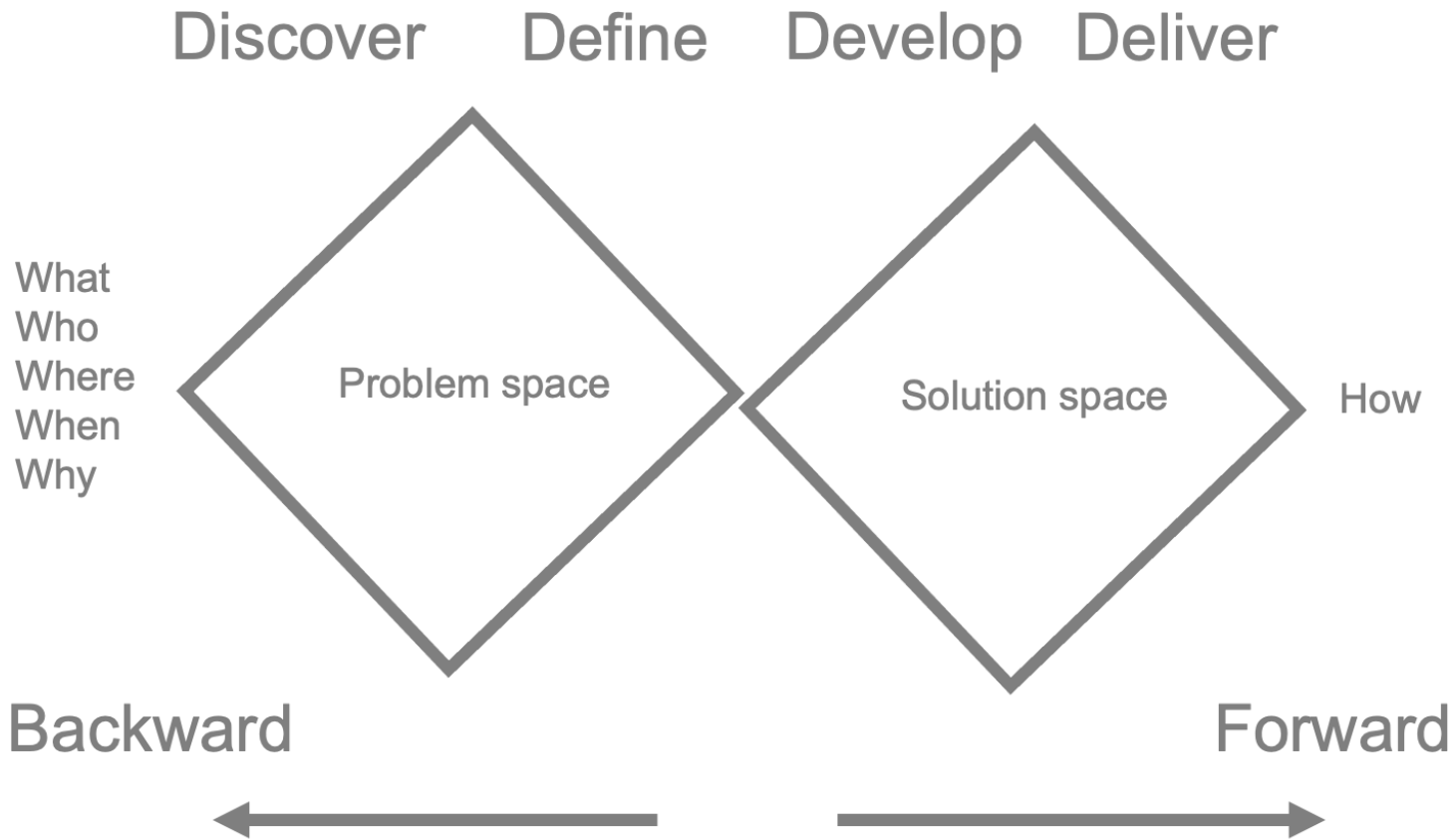
The right mix



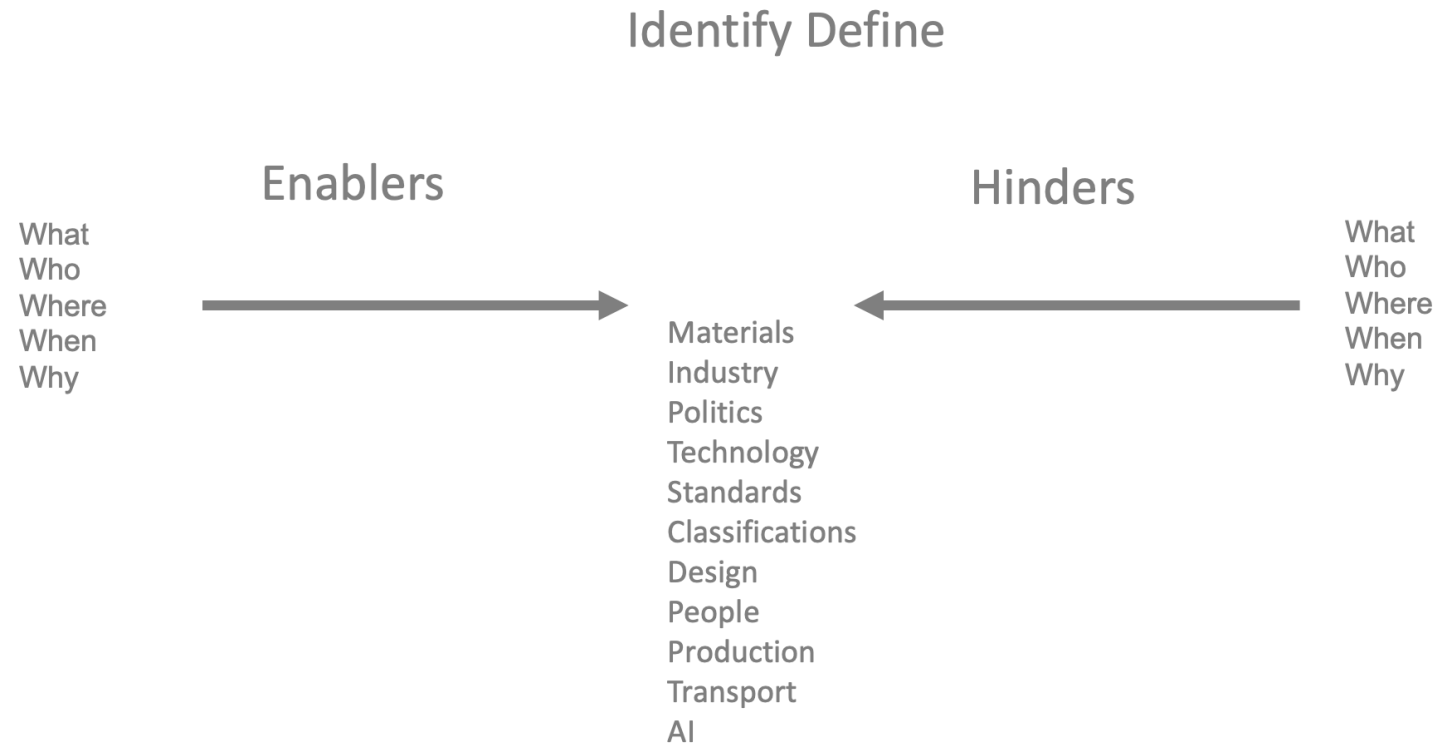
The Design Process



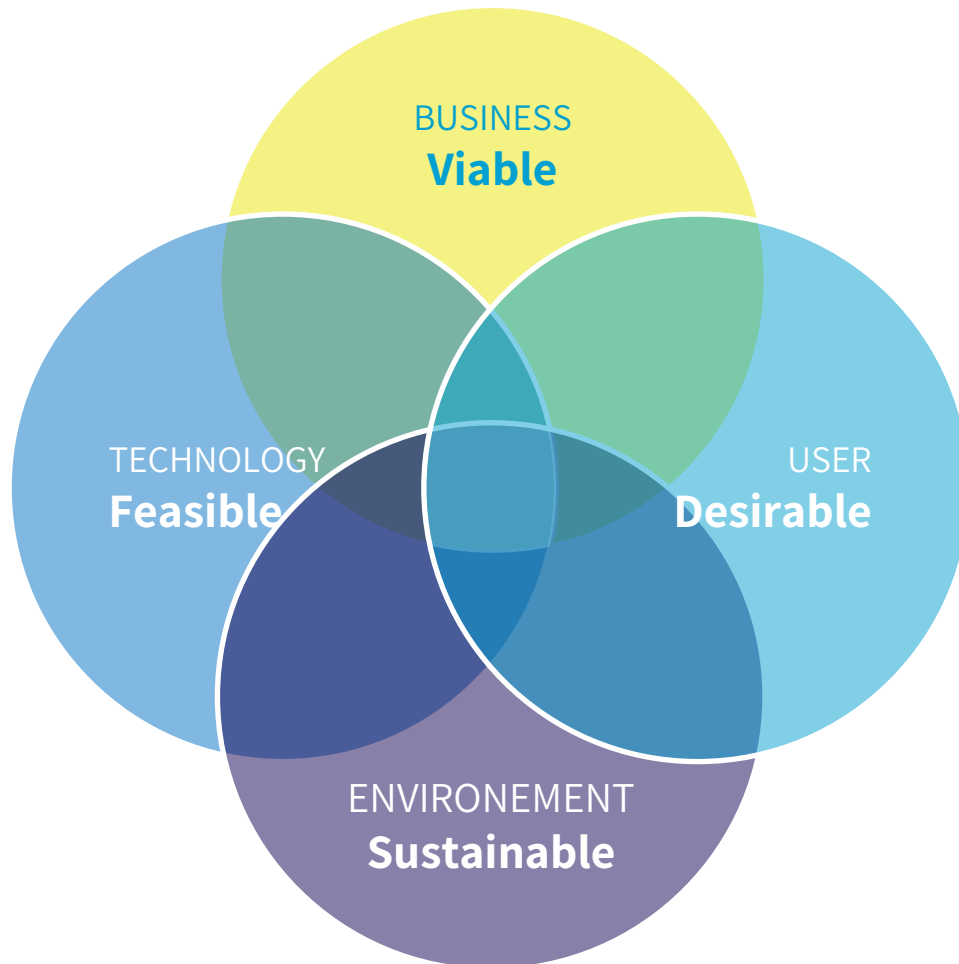
The Design Process



A Challenge with new sustainable materials



The Challenge



- How will the ecosystem and marketplace be designed to be viable and useful for the stakeholders in the material community?
- How will the ecosystem become feasible financially and commercially sustainable for stakeholders and how to share “data” in a financially and commercially sustainable way beneficial to stakeholders.
- How should the system be designed to achieve a desirable position in a European context? How to achieve a transparent and useful system for different stakeholders in the commons?

The Design Challenge

Design Intention.

What materials are sustainable and how can we know for sure?
How do we perceive sustainable material?
How to produce sustainable material?
How do we combine and design sustainable materials
How can we trace the material and communicate in a trustful way?

Customer Acceptance



BEDA

The Bureau of European Design Associations

Panel discussion – Q&A



Lars



Andreas



Christof



Mark

Thank you

BEDA The Bureau of European Design Associations

c/o Wallonie-Bruxelles Design Mode (WBDM) - AWEX, Place Saintelette 2, 1080 Brussels, Belgium

www.beda.org

office@beda.org

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