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
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
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
F2BDF – is a tool for how to connect actors along the wood supply chain using collaborative a data flow
Thank you for your attention!

F2BDF - Digitalisation of the wood value chain
Towards Materials and Manufacturing Commons • Berlin 4 April 2023
Andreas Rudenå • Paramountic
The design perspective

Lars Ericsson

BEDA
The right mix

BUSINESS
Viable

TECHNOLOGY
Feasible

USER
Desirable

ENVIRONMENT
Sustainable
The Design Process

Design Intention

- Material
- Tooling
- Functions
- Production
- Cost
- Design
- Gestalt
- Painting
- Components
- Market
- Sustainability
- Engineering
- Quality control

Customer Acceptance

BEDA
The Bureau of European Design Associations
The Design Process

Discover  Define  Develop  Deliver

Problem space  Solution space

What  Who  Where  When  Why

Backward  Forward

BEDA  The Bureau of European Design Associations
A Challenge with new sustainable materials

Identify Define

Enablers
- What
- Who
- Where
- When
- Why
- Materials
- Industry
- Politics
- Technology
- Standards
- Classifications
- Design
- People
- Production
- Transport
- AI

Hinders
- What
- Who
- Where
- When
- Why
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

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?
Panel discussion – Q&A

Lars
Andreas
Christof
Mark
Thank you