

Interior of the community room at the Circular Economy Center 'Sadarbnīca.'

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+ FIX TRIX

Goals

01

Ergonomics

02

Functional

03

Cozy and up-to-date

04

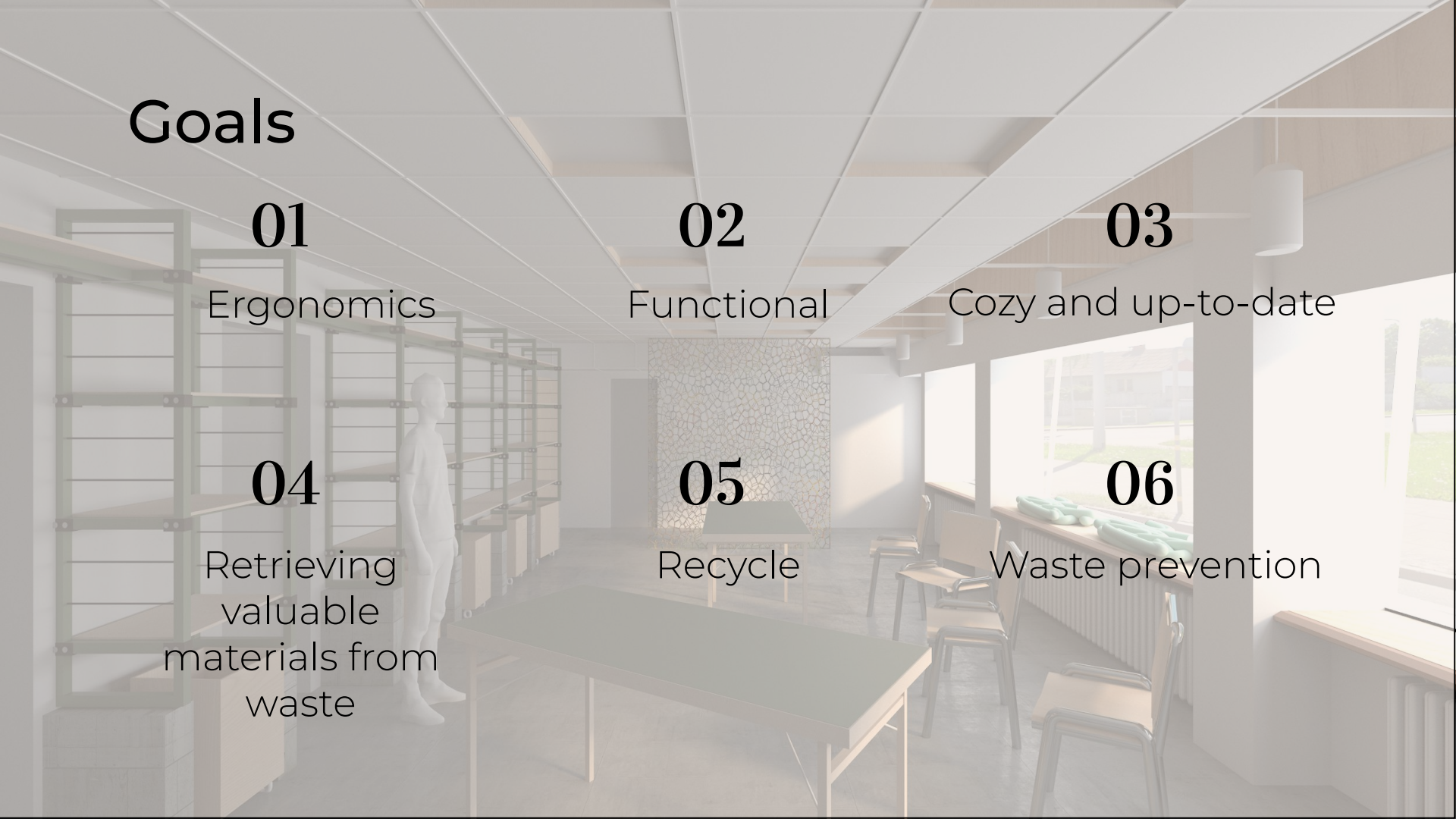
Retrieving
valuable
materials from
waste

05

Recycle

06

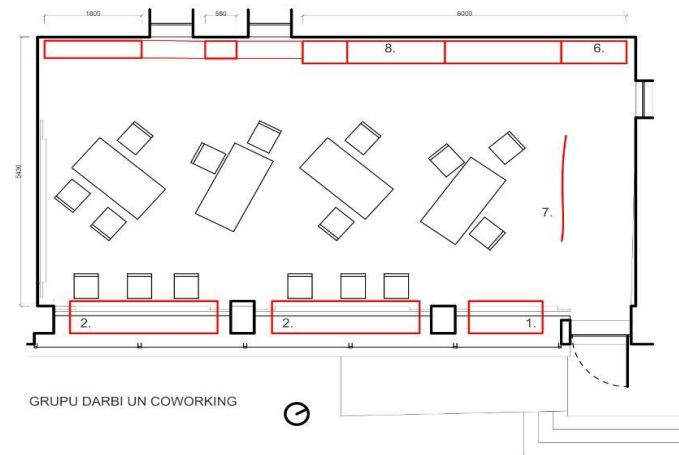
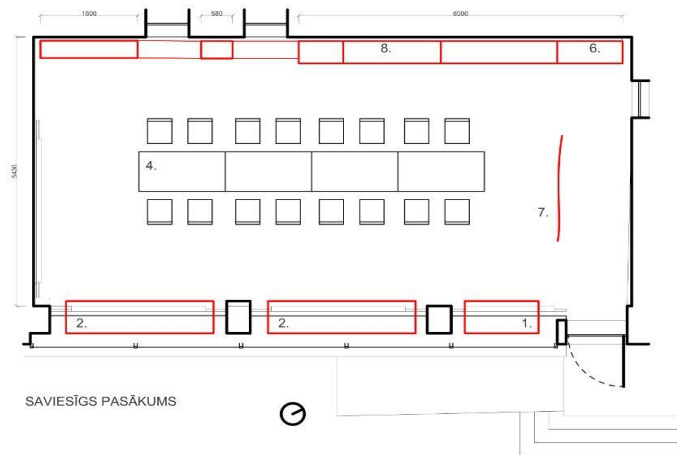
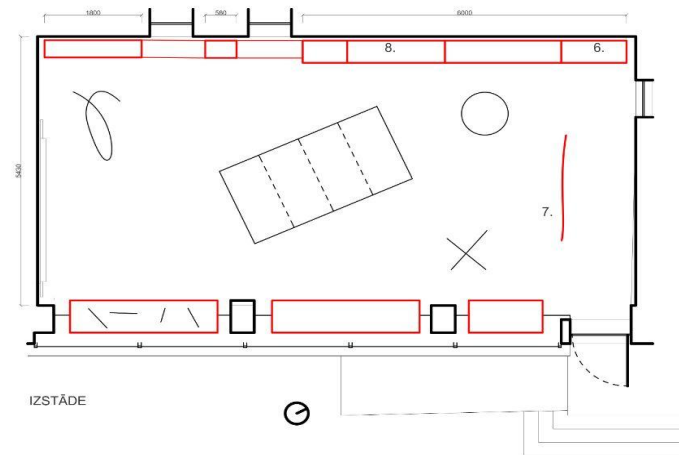
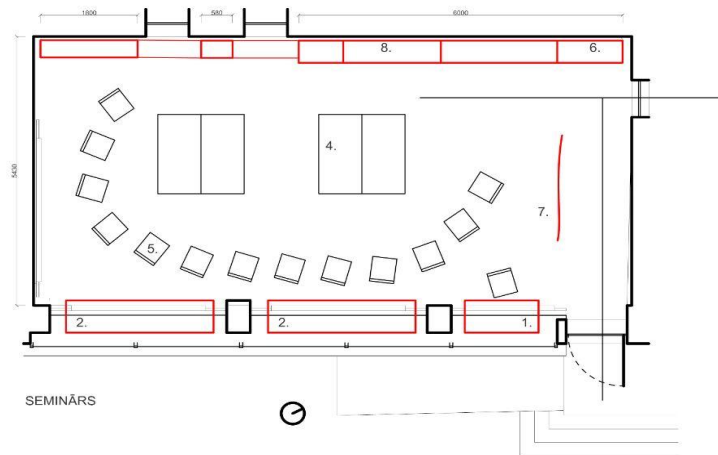
Waste prevention

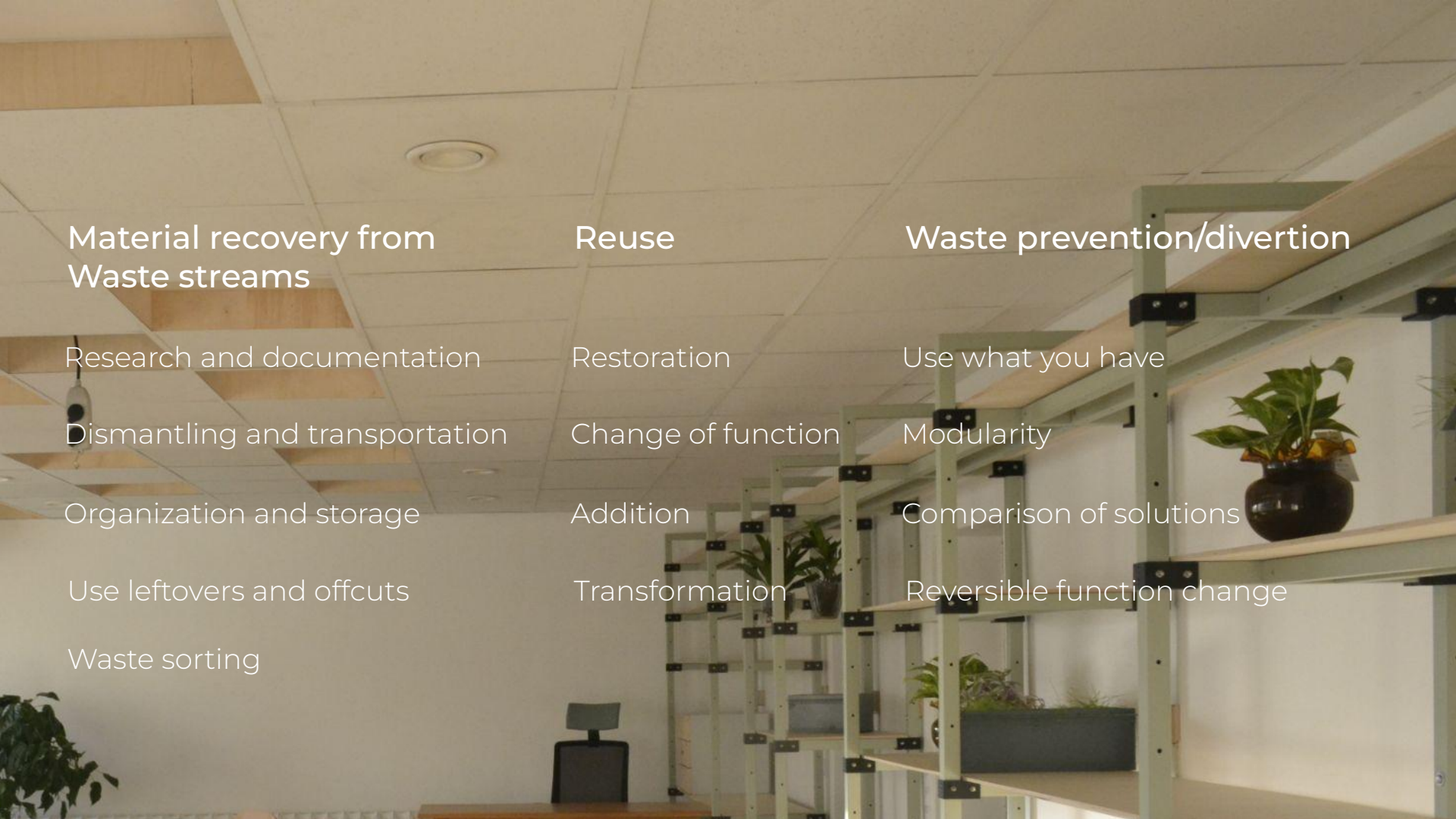












Material recovery from Waste streams

Research and documentation

Dismantling and transportation

Organization and storage

Use leftovers and offcuts

Waste sorting

Reuse

Restoration

Change of function

Addition

Transformation

Waste prevention/diversion

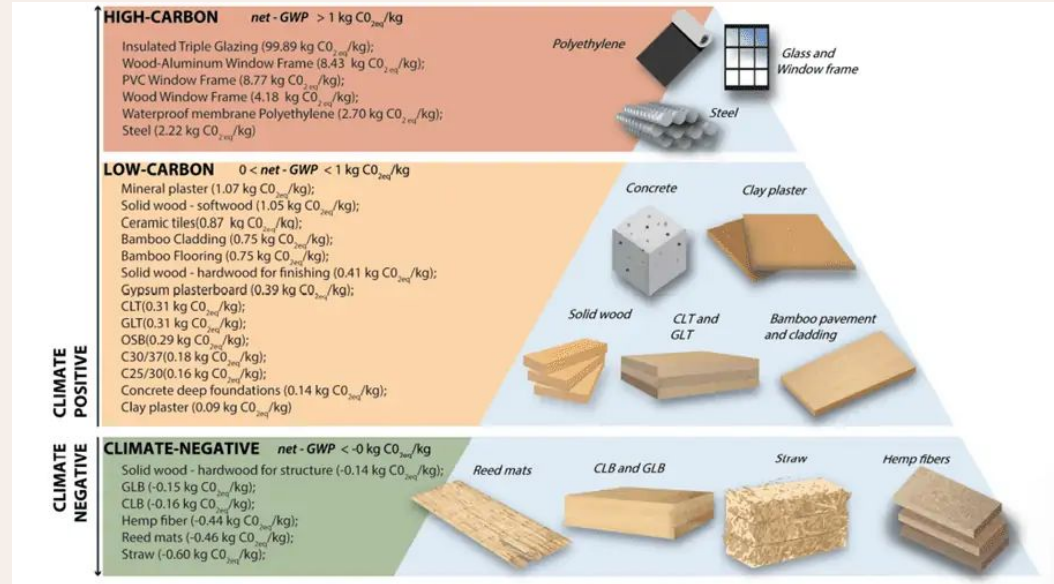
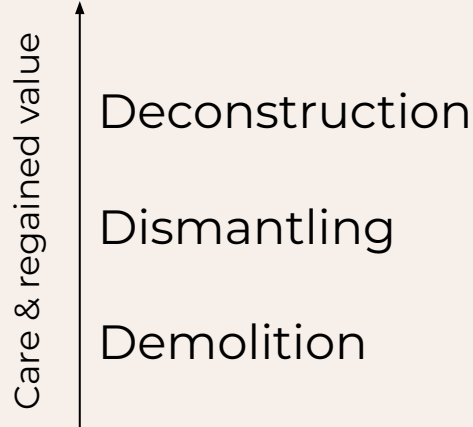
Use what you have

Modularity

Comparison of solutions

Reversible function change

Principles



Material classification according to the net-GWP value (Source: Environ. Sci. Techno. 2022, 56, 5213-5223)





























































































































































































































































Process

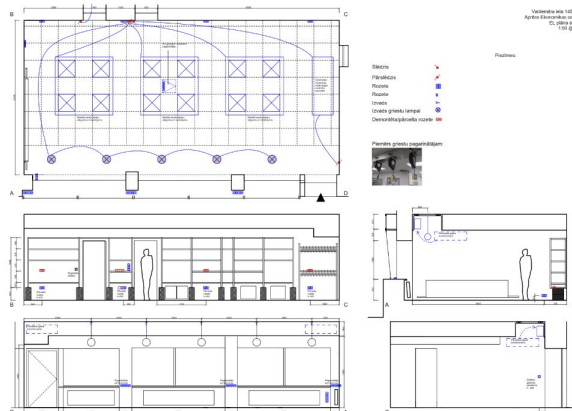




Process

Skatītāju krēslī	Koks			450x450x 800	Skaitis	667	Koka krēslī. Modulārā savienoj- iespējams atdalīt un savienot nepieciešamā skaitā. Stiprināti pie grīdas	Parkets Lielajā Zālē	Koks			60 x 260	m2	400	Sarkankoks vai egle?
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01 Ceilings niche and recessed lamps

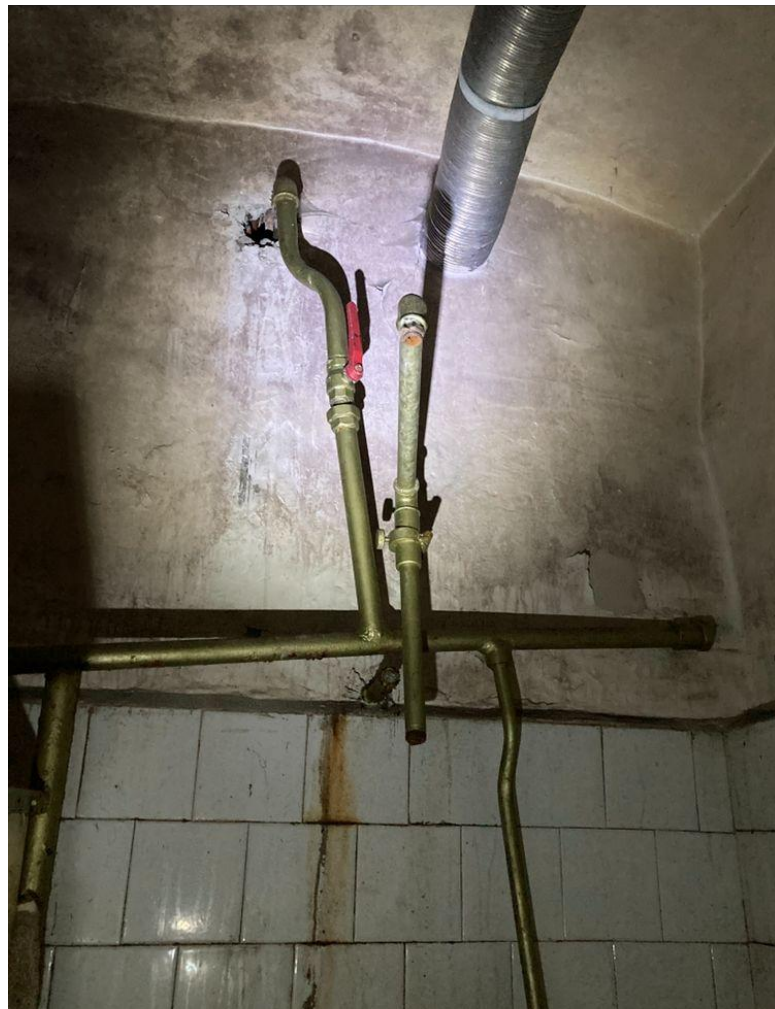


01

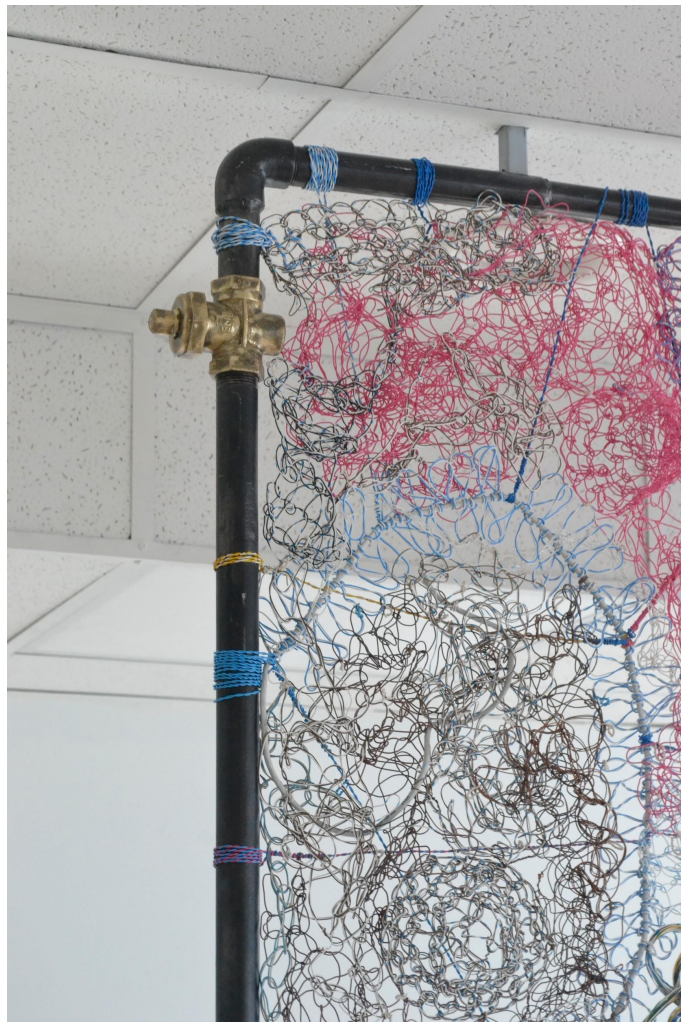
Ceilings niche and recessed lamps



02 Woven wire panel



02 Woven wire panel



03 Window sill tops



03 Window sill tops



04 Foldable Tables



04 Foldable Tables



05 Flower pots and boxes



05 Flower pots and boxes



06 Hangers



A photograph of a wooden cabinet or wall-mounted unit. The unit is composed of three horizontal sections of wood: a dark brown top section, a light-colored middle section, and a dark brown bottom section. A grid of metal brackets is mounted on the wood. The brackets are made of a polished, reflective metal, possibly brass or chrome. They are arranged in a grid pattern, with some brackets having small circular holes near their top ends. The brackets are mounted in a way that they appear to be holding or supporting something, though the object being held is not visible. The background is a plain, light-colored wall.



Stakeholders

Asset owners

Architects

Managers

Public institutions

Engineers

Consultants

Contractors

Manufacturers

Quality and data
service providers

Demolishers

Installers

Researchers

Recyclers

Product's environmental and circular data:

Environmental Product
Declarations (EPDs),
material composition



RB1X90 VINTAGE PRESTIGE

Ultra-matēta krāsa

Pielietojums: koks, metāls, stikls, sienas, plastmasa un auduma virsma.

Par produktu: Vintage Prestige ir īpaši necaurspīdīga krāsa ar kuru var panākt nobružātu, patinētu, senas mēbeles izskata efektu. Ar vienu kārtu šī krāsa detaļai piešķir dziļuma efektu. Krāsai ir spēcīga saķere ar visām virsmām un tai ir liels sausais atlikums – biezs pārklājums. Nav nepieciešama slīpēšana, attīrīšana vai gruntēšana pirms uzklāšanas uz virsmas. Ūdens bāzes krāsa bez aromāta un ar zemu gaistošo organisko vielu savienojumu, kas padara šo krāsu par ideālu iekštelpu vidē. Vintage Prestige ir mazgājama, kopjama krāsa. Ieteicams krāsot divos slāņos.



Product's environmental and circular data:

Environmental Product
Declarations (EPDs),

material composition

and lifecycle stages

PRODUCT DATA SHEET
02.06.2022

Wall 4

Wall paint

Helps to hide small imperfections
Easy to paint
Easy to clean

Full matt (4) waterborne easily cleanable (class 1 according to EN 13300) paint for interior applications. It leaves a smooth full matt surface and gives flawless result. Green Line paints are certified by Nordic Swan Ecolabel and approved by Asthma and Allergy Association. Products contain minimum amount of volatile organic compounds (VOC)



VIDES AIZSARDZĪBA, DARBA AIZSARDZĪBA UN ATKRITUMU SAVĀKŠANA



Uzmanību

Contains: 2-oktil-2H-izotiazolons-3 (OIT). Var izraisīt alerģisku ādas reakciju. Toksisks ūdens organismiem ar ilgstošām sekām. Medicīniska padoma nepieciešamības gadījumā attiecīgā informācija ir norādīta uz iepakojuma vai etiķetes. Sargāt no bērniem. Izvairīties ieelpot dūmus/smidzinājumu. Izmantot tikai ārā vai labi vēdināmās telpās. Izvairīties no izplatīšanas apkārtējā vidē. Izmantot aizsargcimdus. SASKARĒ AR ĀDU: Mazgāt ar lieli daudzumu ziepēm un ūdeni. Nepieļaut produkta izliešanu kanalizācijā, augsnē un ūdenstilpnēs. Tukšā tara jānogādā izgāztuvē saskaņā ar vietējo likumdošanu. Neizliet produktu kanalizācijā, ūdenstilpnēs un augsnē. Šis produkts satur biocīdu produktu, lai saglabātu produktu uzglabāšanas laikā. ES GOS robežvērtība (apakšgrupa A/d) 130g/l. Lietošanai gatava produkta maksimālais GOS saturs ir 130 g/l.

PRODUKTA APRAKSTS
07.09.2023

Universal Akva Semi-gloss

Krāsa kokam un metālam

Veido izturīgu dekoratīvu pārklājumu
Teicama adhēzija ar dažāda veida virsmām
Ļoti ātri žūstoša, nedzeltējoša

Pusspīdīga ūdens bāzes krāsa kokam un metālam iekšdarbos un ārdarbos.



07 Soft seating



+ Soft toy stuffing



07 Soft seating



07 Soft seating



08 Boxes for tools



08 Boxes for tools



09 Shelving system



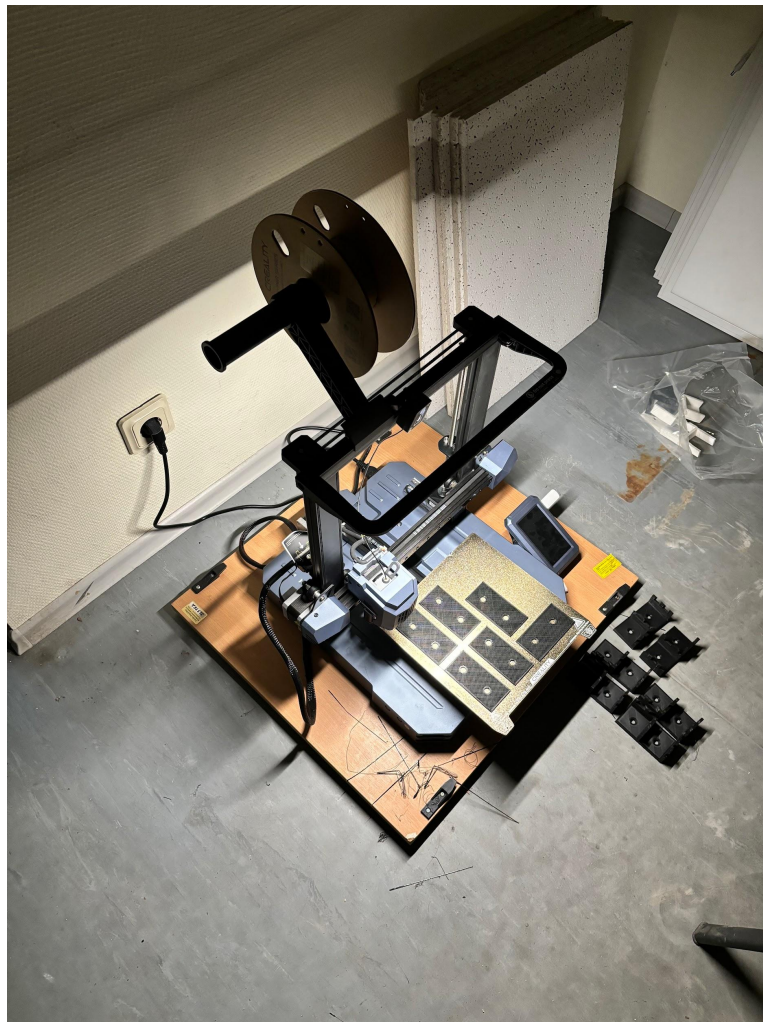
09 Shelving system



09 Shelving system



09 Shelving system



09 Shelving system



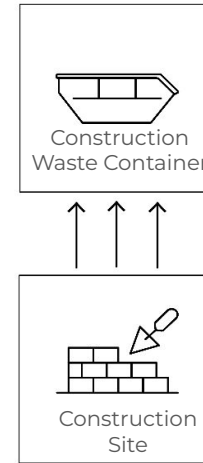
Deconstruction process now

Demolition plan in common practice considers only volume of materials, however more detailed information would help to use unneeded materials more efficiently.

Documentation



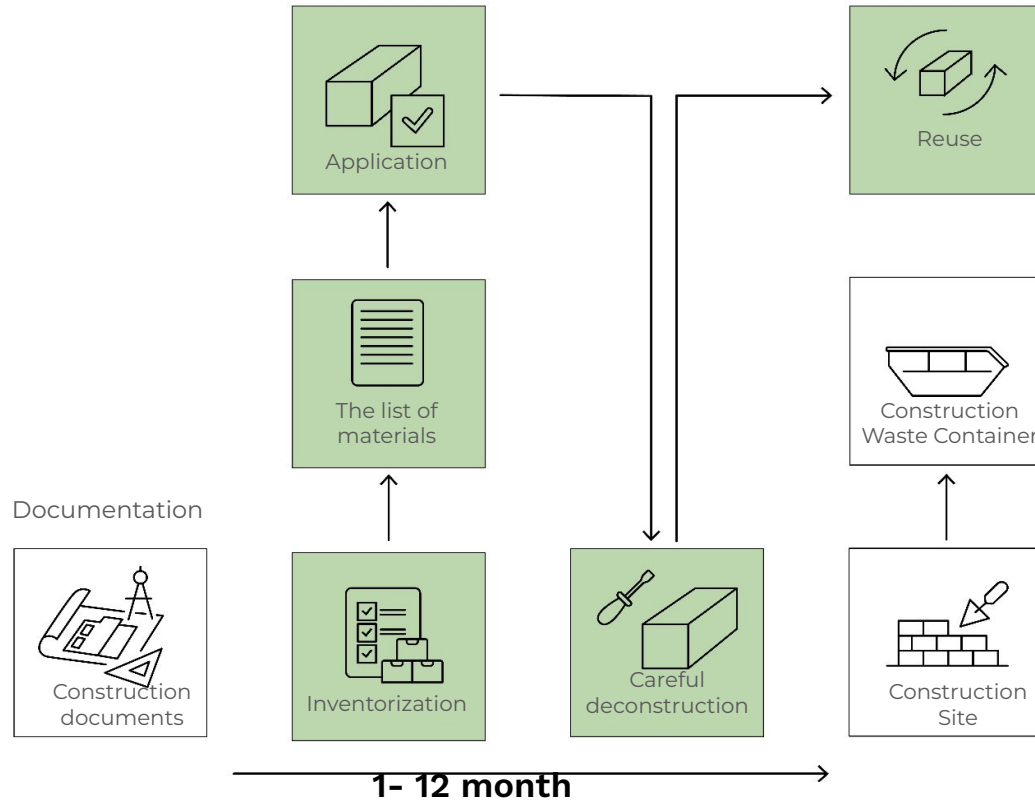
During construction process unused materials are demolished, if there is no careful methods of deconstruction required in the project.



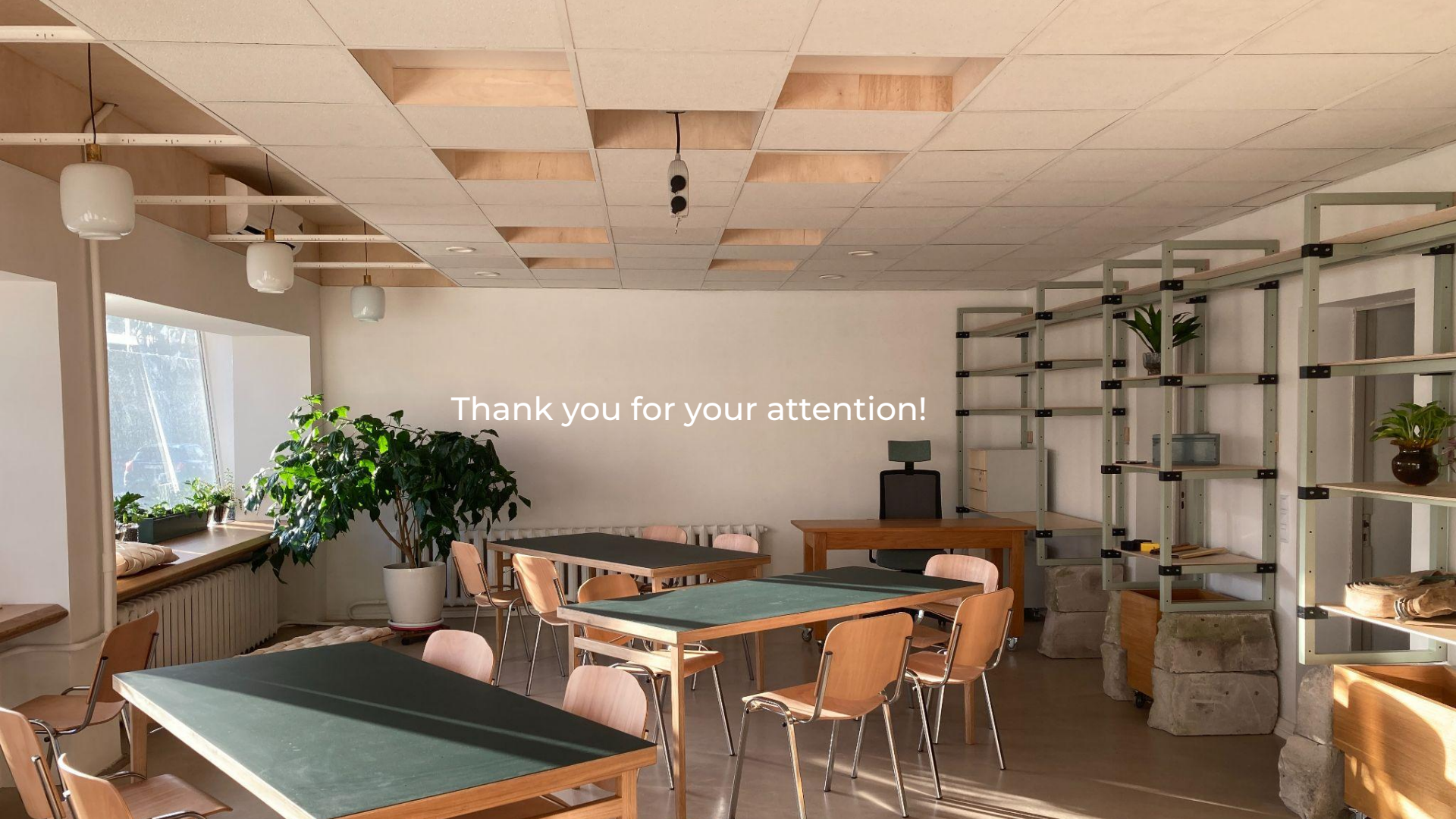
1- 12 month

Deconstruction process to be upgraded

In between of finalization of project development stage and beginning of construction stage exists the best option to inspect unneeded materials and sort them.



Reduced amount of construction waste

The image shows a bright, modern interior space, likely a cafe or a study area. The ceiling is made of light-colored wooden panels with some recessed sections. The walls are white. On the left, there is a large window with a wooden sill and a radiator below it. A large potted plant is positioned near the window. In the center, there are several wooden tables with green-topped surfaces, surrounded by orange chairs. To the right, there are tall, light-colored metal shelving units with various items on them, including a potted plant and some boxes. The floor is a light-colored, polished material. The overall atmosphere is clean and contemporary.

Thank you for your attention!