

2025

Material Pyramid

for Furniture & Design

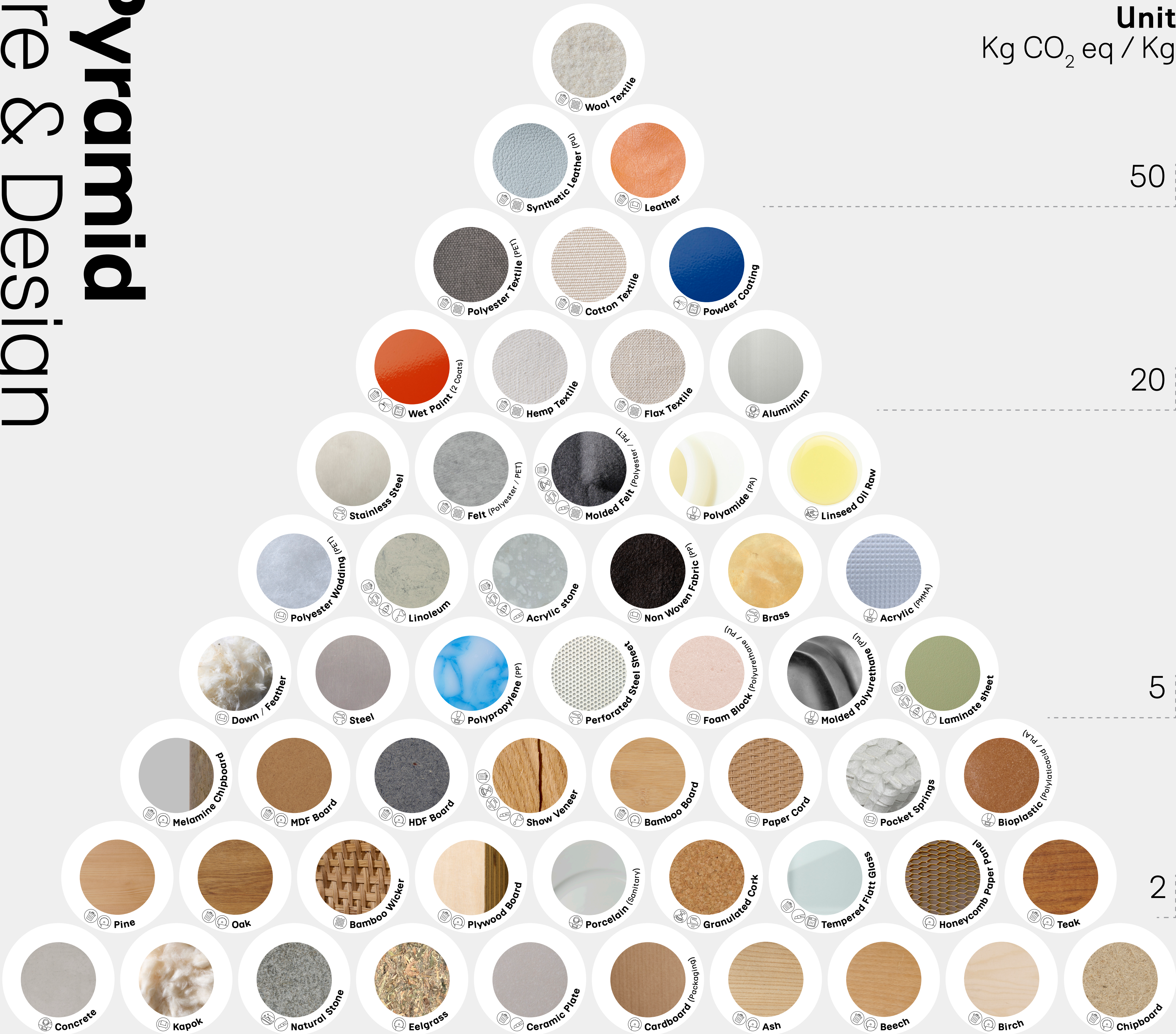
Unit
Kg CO₂ eq / Kg

50

20

5

2



MÅLBAR

Lizzi og Mogens
Staal Fonden

TRÆETS UDDANNELSES-
OG UDVIKLINGSFOND

Medfinansieret af
Den Europæiske Union

Vener Overgaard
Formålsløst

LIFESTYLE
AND DESIGN
CLUSTER

Denmark
Erhvervsfremmebestyrelse

Material Pyramid for Furniture and Design, developed at the Royal Danish Academy, helps assess materials' climate impact. It is made to support the dialogue in the design process for a more qualified and responsible choice of material. High-impact materials are placed at the top, low-impact at the bottom.

Material Pyramid for Furniture and Design is made freely available and intended for guidance within its defined use. Based on EU PEF standards, the data are averages and made indicative only. Data must not be used commercially, as documentation or official reporting on material, product or company level. The Royal Danish Academy and the project's partners disclaim any responsibility for direct or indirect consequences of use beyond the intended purpose.

For more info and online access to the Material Pyramid, all materials, data information and downloads, go to QR



Wood Working
Standard Furniture Manufacturing



Metal Working
Standard Furniture Manufacturing



Die-casting



Compression Molding



Textile Processing & Manufacturing
Cutting and Sewing



Hardening



Cutting



Polishing/Grinding



Spray Painting/Coating



Oiling by hand



Upholstery Manufacturing



Waste (extreme)



Injection Molding



Gluing



Pressing



Heat Pressing