



# Guidelines to EU Ecolabel for Furniture

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# INTRODUCTION



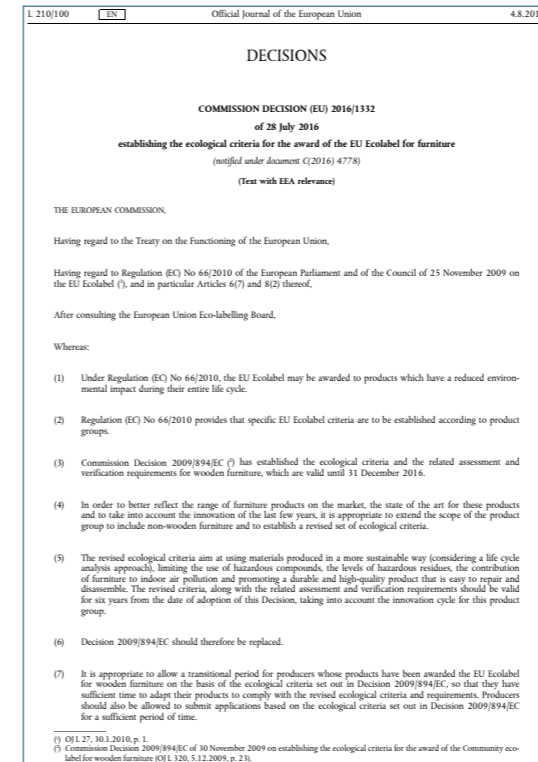
The EU Ecolabel is a voluntary ecolabel (as per ISO 14024) that recognizes products and services demonstrating environmental excellence. It signifies adherence to standardized processes and scientific criteria for sustainability. The EU Ecolabel is third-party verified, which means independent experts are responsible for checking compliance with the EU Ecolabel criteria.

The 'EU Ecolabel for Furniture' as the name suggests, covers the product category Furniture.

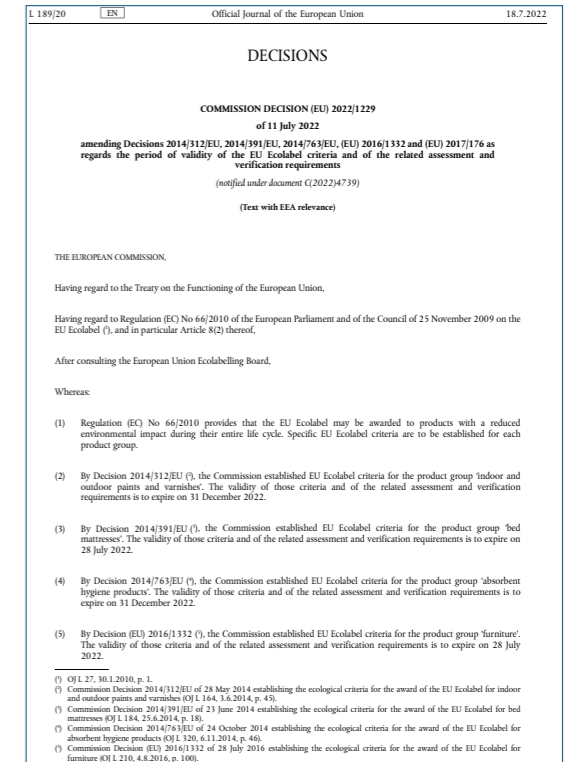
The key requirements for Furniture:

1. Product description (technical drawings, component listing etc.)
2. Chemical contents (heavy metals, Vinyl chloride etc.)
3. Chemical emissions (SVHC, Formaldehyde emission etc.)
4. Material requirements
5. Final product requirements, e.g. warranty (5 year), design for disassembly and product testing
6. Consumer information

source: EU Ecolabel (<https://www.miljomaerkning.dk/en>)

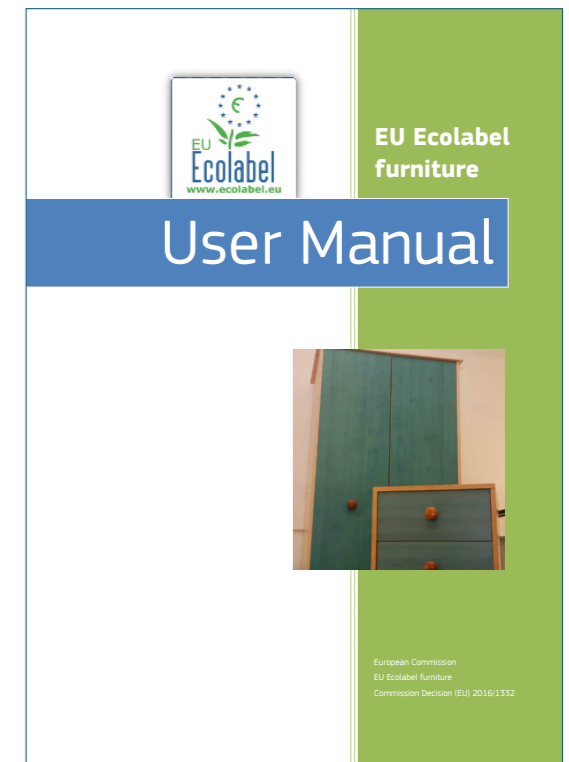


Commission Decision (Criteria list for Furniture Category)



Amendment of 11 July 2022 (Some updates in the Criteria list for Furniture Category)

**i** These documents are available from the EU Ecolabel, downloadable from the following link:  
[https://environment.ec.europa.eu/topics/circular-economy/eu-ecolabel-home/product-groups-and-criteria/furniture-and-mattresses\\_en](https://environment.ec.europa.eu/topics/circular-economy/eu-ecolabel-home/product-groups-and-criteria/furniture-and-mattresses_en)



User Manual to guide you through the application process

# DISCLAIMERS

The Guidelines act as a preliminary assessing document for you to consult and address only the EU Ecolabel for Furniture category. It is meant to be used along with the official documents from EU Ecolabel.

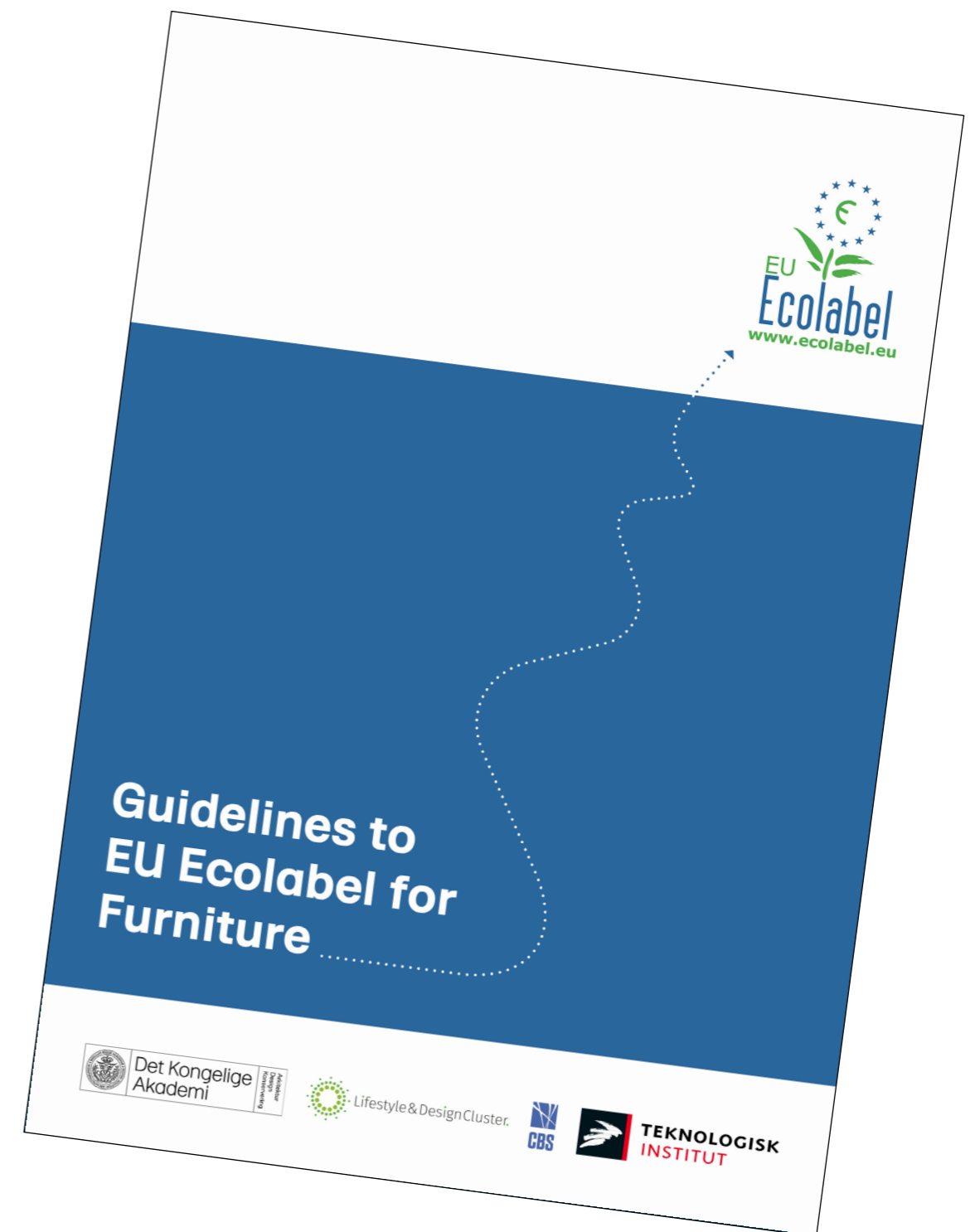
This document alone will not be sufficient to apply for the certification.

It is meant to help beginners and anyone interested in EU Ecolabel for furniture to get started with the process of applying and get an overview of what the process looks like.

It can also be helpful in making a decision for those who are in doubt about whether or not the EU Ecolabel is for them or not.

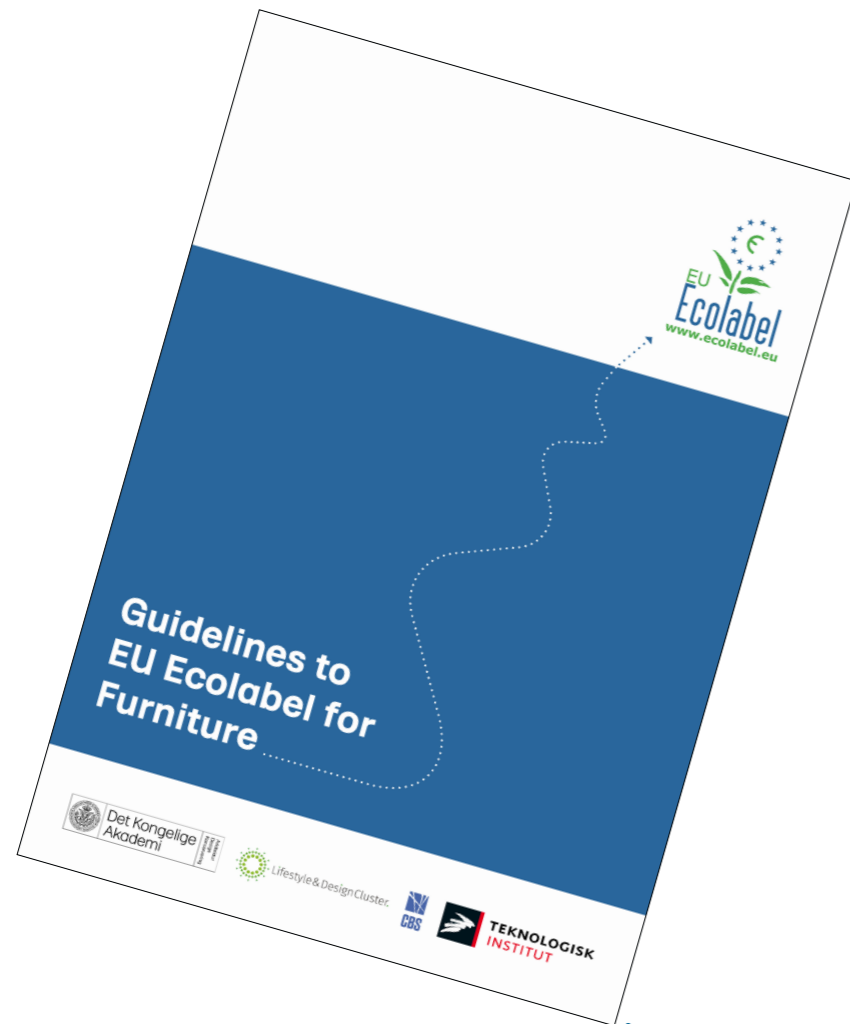
This document specifically addresses the Furniture product group, specifically 'Commission Decision (EU) 2016/1332 of 28 July 2016', yet the EU Ecolabel extends its certification to over 24 other product groups (clothing & textiles, cleaning products, electronics etc.).

In case your furniture has mattress, that falls under a different criteria list and subcategory of 'Furniture & Mattress' ([https://environment.ec.europa.eu/topics/circular-economy/eu-ecolabel-home/product-groups-and-criteria/furniture-and-mattresses\\_en](https://environment.ec.europa.eu/topics/circular-economy/eu-ecolabel-home/product-groups-and-criteria/furniture-and-mattresses_en)).

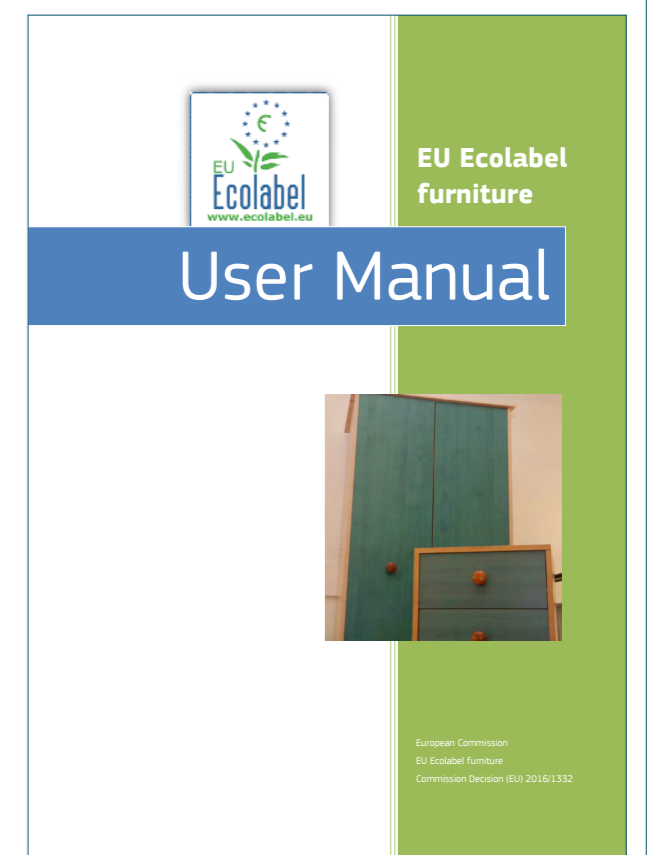
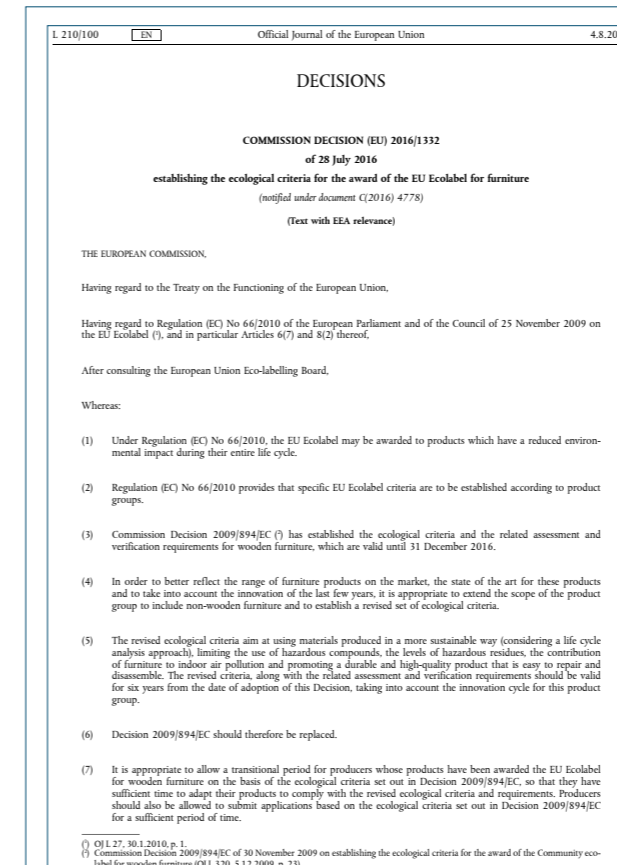




# HOW TO USE THE GUIDELINES



The Guidelines for EU Ecolabel Furniture is designed to navigate readers through the User Manual and the Criteria Document. The purpose is to simplify the process by offering a Guideline that, when used alongside the required documents, helps to achieve the EU Ecolabel. As a supplementary tool, it can be utilized to ensure easy access to schemes and criteria, reducing time and complexity for the reader.



Official documents

# SCOPE

## ELIGIBLE FURNITURE TYPES

The product group “furniture” comprises Free-standing or built-in units with primary function to either:

- Be used for the storage, placement or hanging of items.
- And/or provide surface to rest, sit, eat, study or work (indoor or outdoor).
- Domestic furniture and contract furniture items for use in domestic or non-domestic environments.
- Bed frames, legs, bases and headboards.

*source: EU Ecolabel User Manual for Furniture, page 16*

## VALIDITY OF THE LICENSE

- ‘Product group criteria’ (in this case the ‘Furniture group criteria’ ) are usually valid for a period of 3 to 5 years, depending on the Commission decision for each product group.
- The criteria are reviewed prior to their expiration and may be revised or their validity prolonged.
- If criteria are revised, license holders need to renew their contract.
- If criteria validity is prolonged, the contract is automatically renewed as long as the criteria remain valid for a product or service.
- License holders may use the EU Ecolabel starting from the date it is awarded until the end of the period of the validity of the criteria.

*source: [https://environment.ec.europa.eu/topics/circular-economy/eu-ecolabel-home/faq\\_en#:~:text=How%20long%20is%20the%20EU,decision%20for%20each%20product%20group](https://environment.ec.europa.eu/topics/circular-economy/eu-ecolabel-home/faq_en#:~:text=How%20long%20is%20the%20EU,decision%20for%20each%20product%20group)*

## NON-ELIGIBLE FURNITURE TYPES

- Bed mattresses (covered by different criteria list)
- Streetlights, railings and fences, ladders, clocks, playground equipment, stand-alone or wall-hung mirrors, electrical conduits, road bollards
- Steps, doors, windows, floor coverings and cladding.
- Second-hand, refinished, refurbished or re-manufactured furniture products
- Furniture fitted in vehicles
- Furniture products which consist of more than 5% (weight by weight) of materials not included in the following list: solid wood, wood-based panels, cork, bamboo, rattan, plastics, metals, leather, coated fabrics, textiles, glass and padding/filling materials.

*source: EU Ecolabel User Manual for Furniture, page 16*

## GEOGRAPHICAL SCOPE

EU Ecolabel applications covers all of the European Economic Area (EEA).

*source: [https://environment.ec.europa.eu/topics/circular-economy/eu-ecolabel-home/about-eu-ecolabel\\_en#frequently-asked-questions](https://environment.ec.europa.eu/topics/circular-economy/eu-ecolabel-home/about-eu-ecolabel_en#frequently-asked-questions)*

*EEA: [https://ec.europa.eu/eurostat/statistics-explained/index.php?title=Glossary:European\\_Economic\\_Area\\_\(EEA\)#:-:text=The%20European%20Economic%20Area%2C%20abbreviated,force%20on%201%20January%201994](https://ec.europa.eu/eurostat/statistics-explained/index.php?title=Glossary:European_Economic_Area_(EEA)#:-:text=The%20European%20Economic%20Area%2C%20abbreviated,force%20on%201%20January%201994)*

# APPLICABILITY

## ELIGIBLE APPLICANTS

- Brands, manufacturers, importers and service providers can apply for the EU Ecolabel.
- Traders and retailers can only submit applications for products marketed under their own brand names.

source: *EU Ecolabel User Manual for Furniture, page 9*

## WHERE TO APPLY

- Every country has a representative, known as a Competent Body, which assesses the applications.
- Country you should apply to is determined by the EEA Member State in which the product originates.
- Producers and designers of furniture originating outside the EEA should apply to the competent body in the EU country in which they plan to sell.

source: *EU Ecolabel User Manual for Furniture, page 10*

**i**

COMPETENT BODIES IN DENMARK

For questions related to policies & regulation in Denmark:

Søren Mørch Andersen  
Circular Economy | Ministry of Environment  
Slotsholmsgade 12, DK-1216 Copenhagen  
Tel: (+45) 22 35 25 63  
san@mim.dk

For questions related to applications in Denmark:

Jakob Waidtløw  
Ecolabelling Denmark  
Danish Standards Foundation  
Göteborg Plads 1  
DK-2150 Nordhavn  
Tel: (+45) 72 300 450  
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www.ecolabel.dk

source: [https://environment.ec.europa.eu/topics/circular-economy/eu-ecolabel-home/community-and-helpdesk\\_en](https://environment.ec.europa.eu/topics/circular-economy/eu-ecolabel-home/community-and-helpdesk_en)

# APPLICABILITY

## WHAT THE ECOLABEL COVERS

- An application to EU Ecolabel can cover a single product or a range of products, regardless of the different names or brands used for the product(s).
- It's crucial to collect all internal reference numbers of manufacturers, suppliers, chemical substances and mixtures used in the product(s).

source: EU Ecolabel User Manual for Furniture, page 10



*Expenses related to internal work, documentation from suppliers as well as external testing to be incurred by the applicant.*

## EXTENSION/ CHANGES IN EXISTING EU ECOLABEL LICENSE

The Competent Body needs to be informed and approve changes such as:

- In case of new/additional manufacturers for the same product.
- New technical characteristics which affect compliance with the current criteria list.
- Addition or substitution of new suppliers.
- Any other changes, regardless of their affect on the compliance with criteria.

source: EU Ecolabel User Manual for Furniture, page 10

## QUALITY CONTROL

- The applicant is responsible for keeping track of their products or service's compliance with the criteria throughout the tenure of the awarded licence.
- The applicant must always keep the application dossier up to date.
- In case the product is no longer in compliance with the criteria, this must be reported to the Competent Body and they will suggest further action accordingly.

source: EU Ecolabel User Manual for Furniture, page 11

## ASSESSMENT OF COMPLIANCE

The Competent Body may, at any reasonable time and without notice, request, and the licence holder shall grant, access to the premises.

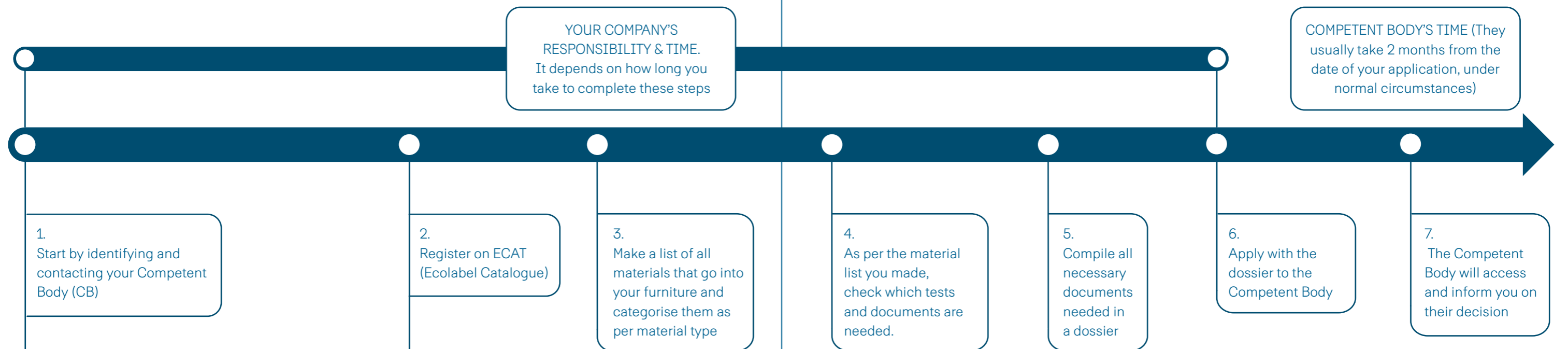
source: EU Ecolabel User Manual for Furniture, page 11

## RENEWAL OF LICENSE

If the product category's criteria is revised, then the license holder needs to renew their license. In this case, the license holder needs to contact the Competent Body that awarded them the license.

source: [https://environment.ec.europa.eu/topics/circular-economy/eu-ecolabel-home/faq\\_en](https://environment.ec.europa.eu/topics/circular-economy/eu-ecolabel-home/faq_en)

# PROCESS OVERVIEW



source: EU Ecolabel User Manual for Furniture, page 12

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Danish Standards Foundation  
Göteborg Plads 1  
DK-2150 Nordhavn  
Tel: (+45) 72 300 450  
jwa@ecolabel.dk  
www.ecolabel.dk

**i** USEFUL LINKS:

*How to apply:*  
[https://environment.ec.europa.eu/topics/circular-economy/eu-ecolabel-home/how-apply\\_en](https://environment.ec.europa.eu/topics/circular-economy/eu-ecolabel-home/how-apply_en)

*ECAT:*  
[https://environment.ec.europa.eu/topics/circular-economy/eu-ecolabel-home/ecat-product-catalogue\\_en](https://environment.ec.europa.eu/topics/circular-economy/eu-ecolabel-home/ecat-product-catalogue_en)

# COSTS

Country	Links	Application/Renewal Fee			Extension/Modification Fee			Annual Fee			Inspection Fee		Additional Information	
		Standard	SMEs and Operators from Developing countries	Micro-Enterprises	Standard	SMEs and Operators from Developing countries	Micro-Enterprises	Standard	SMEs and Operators from Developing countries	Micro-Enterprises	Europe	Outside Europe		
Denmark	<a href="http://www.ecolabel.dk/da/english/what-does-an-ecolabel-cost/eu-ecolabel">http://www.ecolabel.dk/da/english/what-does-an-ecolabel-cost/eu-ecolabel</a>	2000 € +VAT	600 €+VAT	350 € + VAT	125 € +VAT/hour but not exceeding the application fee			0,15% of turnover in the EU** + VAT Min. 1500 € + VAT/year Max. 25000 € + VAT/year			-25%	Refund of travel, accommodation costs and working hours of 1000 + VAT/day	Refund of travel, accommodation costs and working hours of 1000 + VAT/day	Application/Renewal fees are reduced by 30% for those applicants who are registered under EMAS or by 15% for those applicants who are certified under ISO 14001. Reductions are not cumulative.  ** For licence holders licensed to use the Nordic Ecolabel for the same products during the same period, the Nordic share of the EU turnover may be excluded from the calculation of the licence fee for the EU Ecolabel. This does not affect the maximum and minimum fees. *** The sale is subject to reverse charge. The recipient is liable for the VAT according to article 56 of the Council Directive 2006/112/EC.

Costings listed for Denmark.

Applicant's expenses comprise of:

- Obtaining all the necessary supporting evidence, including tests, etc.
- Application fee
- An annual licence fee where this is asked for by the Competent Body
- In case an on-site verification is needed, travel and accommodation costs must be incurred by the applicant

source: EU Ecolabel User Manual for Furniture, page 11

Country	Links	Application/Renewal Fee			Extension/Modification Fee			Annual Fee			Inspection Fee		Additional Information
		Standard	SMEs and Operators from Developing countries	Micro-Enterprises	Standard	SMEs and Operators from Developing countries	Micro-Enterprises	Standard	SMEs and Operators from Developing countries	Micro-Enterprises	Europe	Outside Europe	
Austria	<a href="https://www.umweltzeichen.at/online/faq/interaktion/gbuehrgew/coste-et.html">https://www.umweltzeichen.at/online/faq/interaktion/gbuehrgew/coste-et.html</a>	Min.215 €* Max.800 €*  <b>IAs</b> Min.220 € Max.630 €	Max.600 €  <b>IAs</b> Max.600 €	Max.350 €  <b>IAs</b> Max.350 €	110 €	110 €	110 €	Min.510 €* Max.3220 €*  <b>IAs</b> Min.185 € Max.690 €				See additional information	
Belgium	<a href="https://www.ecolabel.be/nl/bestrijven/veelgestelde-vragen">https://www.ecolabel.be/nl/bestrijven/veelgestelde-vragen</a> <a href="https://www.ecolabel.be/fr/entreprises/questions-entreprises-questions">https://www.ecolabel.be/fr/entreprises/questions-entreprises-questions</a> <a href="https://www.ecolabel.be/de/unternehmen/fragen-gestellte-fragen">https://www.ecolabel.be/de/unternehmen/fragen-gestellte-fragen</a>	2.000 €	600 €	350 €	0			500 €	200 €	0		Inspection fees will be charged if an on-site inspection is required outside Belgium. These charges comprise the costs of the inspection, including travel costs, accommodation costs, audit and a per diem.	
Bulgaria	<a href="http://www.moev.government.bg/bg/operativna-diplomatikonimirovka-nakom-administrativna-ustupka/">http://www.moev.government.bg/bg/operativna-diplomatikonimirovka-nakom-administrativna-ustupka/</a>	600 nee	480 nee	480 nee	480 nee	360 nee	360 nee	0				Inspection fees are charged if an on-site inspection is required outside Bulgaria. These charges include travel costs, accommodation costs, audit and per diem.	
Croatia	<a href="https://www.mcep.hr/en/environment/ecc-labels/european-union-environmental-protection-label---eu-ecolabel-.html">https://www.mcep.hr/en/environment/ecc-labels/european-union-environmental-protection-label---eu-ecolabel-.html</a>	2000 HRK	1600 (SMEs) 2500 (Operators from Developing Countries)	1600 HRK	0	0	0	500 HRK	0 (Small Enterprises) 500 (Medium Enterprises and Operators from Developing Countries)	0	0	0	
Cyprus			200 €		100 €							Decided case-by-case, according with expenses. Compensation for sample shipment, tests, shoots, travel overseas and lodging	
Czech Republic	<a href="https://ekonomicka-emasa.cz/ekonomicka-poplady">https://ekonomicka-emasa.cz/ekonomicka-poplady</a>	9000 czk	6750 czk	6750 czk	0			15000 czk	11250 czk	3750 czk		0	
Estonia	<a href="http://www.ernvir.ee/et/ol-okomargisid-faotlemise-ja-kasutamise-kulud">http://www.ernvir.ee/et/ol-okomargisid-faotlemise-ja-kasutamise-kulud</a>	320 €	250 €	200 €	0			200 €	100 €	50 €		Decided case-by-case, according to expenses.	
Finland	<a href="http://eu-ecolabel.fi/viivyskalle/maksut/">http://eu-ecolabel.fi/viivyskalle/maksut/</a>	2.000 €	600 €	350 €	115€/hour Max. 2000	115€/hour Max. 600	115€/hour Max. 350	0,15% 500-25000		-25%		Compensation for travel and lodging	
France	<a href="http://www.ecolabels.fr/fr/le-ecolabel-europeen-qu-est-ce-que-c-est">http://www.ecolabels.fr/fr/le-ecolabel-europeen-qu-est-ce-que-c-est</a>	1.215 € <b>IAs</b> 1200 €	600 € <b>IAs</b> 600 €	350 € <b>IAs</b> 200 €	920 €	460 €	308 €	1.543 € <b>IAs</b> 1500 €	774 € <b>IAs</b> Min. 500 € Max. 750 €	363 € <b>IAs</b> 200 €		Depending on the application 1400/day + travel costs  <b>IAs</b> 655 - 1 635 (according to the size) + travel costs	

Costings in other European countries, at a glance.

For the detailed PDF: [http://ec.europa.eu/environment/ecolabel/documents/eu-ecolabel\\_fees.pdf](http://ec.europa.eu/environment/ecolabel/documents/eu-ecolabel_fees.pdf)

# QUICK CHECKLIST

Reference	Requirement	Tick when complete
<a href="#">1.1</a>	Ensure product is eligible for the EU Ecolabel	<input type="checkbox"/>
<a href="#">Web link</a>	Download the relevant product group criteria	<input type="checkbox"/>
<a href="#">1.4</a>	Identify the Competent Body in the relevant Member State you can apply to	<input type="checkbox"/>
<a href="#">1.4</a>	Contact the relevant Competent Body and notify them of your intention to apply for an EU Ecolabel licence	<input type="checkbox"/>
<a href="#">2.1</a>	Check if the criteria relating to your product(s) or service are due to be revised or updated in the near future <sup>4</sup>	<input type="checkbox"/>
<a href="#">2. Step 1</a>	Request information on application forms from your Competent Body	<input type="checkbox"/>
<a href="#">2. Step 2</a>	Register on ECAT	<input type="checkbox"/>
<a href="#">1.6</a>	If only submitting a change to products or suppliers, identify the nature of the change and submit supporting documentation	<input type="checkbox"/>

source: EU Ecolabel User Manual for Furniture, page 15

# GLOSSARY

The following abbreviations appear throughout the documents from EU Ecolabel:

- REACH: The Regulation on the Registration, Evaluation, Authorization & Restriction of Chemicals
- CLP: Classification, Labelling & Packaging (Regulation to ensure protection of health & environment)
- CoC: Chain of Custody
- FSC: Forest Stewardship Council
- PEFC: Programme for the Endorsement of Forest Certification
- EPF: European Panel Federation
- SDS: Safety Data Sheet (describe the hazards the chemical presents)
- VOC: Volatile Organic Compound
- SVOC: Semi Volatile Organic Compound
- PVC: Poly Vinyl Chloride
- IPM: Integrated Pest Management
- BCI: Better Cotton Initiative
- PUR: Polyurethane
- SVHC: Substance of Very High Concern
- CMR: Carcinogenic, Mutagenic and Reprotoxic chemicals
- EPD: Environmental Product Declaration

source: EU Ecolabel User Manual for Furniture



# SWOT ANALYSIS OF THE EU ECOLABEL LICENSE

This ‘Strengths, Weakness, Opportunities & Threats’ analysis of the EU Ecolabel license has been done to help the user of these guidelines to provide insights and ideas on the different ways that the EU Ecolabel license can affect your business in.

## STRENGTHS

<b>CREDIBILITY AND TRUST</b>	As EU’s official ecolabel, it is a well-recognized and trusted certification, enhancing the reputation of furniture products as sustainable. The EU Ecolabel logo’s use in marketing offers a powerful endorsement, signifying a product’s environmental sustainability. Certification by the Type 1 Ecolabel provides sufficient documentation to label the product as sustainable, enhancing its credibility among consumers and stakeholders.
<b>ADJUSTABILITY</b>	The EU Ecolabel is life cycle based and requirements are unique for each product group. Requirements are adjusted on an ongoing basis, which makes it adjustable to the current circumstances.
<b>CONSUMER APPEAL</b>	Increasing environmental awareness among consumers makes the Ecolabel an attractive selling point for furniture buyers who prioritize sustainability. 68 % of the Danes are concerned about what they can do to care for the environment (YouGov awareness survey, Jan. 2022).
<b>DIFFERENTIATION</b>	It allows certified products to stand out in a crowded market, offering a competitive advantage over non-certified alternatives. Furthermore, The EU Ecolabel’s requirements, like a 5-year warranty, design for disassembly and product testing not only differentiate the product but also foster better customer relationships. They promote durable, repairable designs, encouraging sustainable practices that benefit users and the environment.

## WEAKNESSES

<b>COST OF CERTIFICATION</b>	Obtaining and maintaining the Ecolabel certification can be expensive, especially for smaller furniture manufacturers, potentially impacting their competitiveness.
<b>COMPLEXITY AND CRITERIA</b>	The stringent criteria and complex application process may deter some companies from pursuing certification, limiting the number of products with the label.
<b>LIMITED AWARENESS</b>	Outside environmentally conscious circles, awareness of the Ecolabel’s significance may be limited, reducing its impact on purchasing decisions. 24 % of the Danes look for the EU Ecolabel when they choose products (YouGov labeling schemes, Jan. 2022 2(b)).
<b>REQUIREMENTS</b>	As the requirements are adjusted on an ongoing basis, the products must be re-certified in order for the licensee to continue using the label.
<b>DEPENDENCY ON PERSONNEL EXPERTISE</b>	The risk of the departure of a key employee responsible for managing the certification process can pose a significant challenge. Their expertise and understanding of the certification procedures and requirements can result in a knowledge gap, making it difficult for the company to efficiently navigate the certification process, potentially causing delays or hindrances in obtaining or renewing the certification.

# SWOT ANALYSIS

## OPPORTUNITIES

<p><b>GROWING DEMAND FOR SUSTAINABILITY</b></p>	<p>The increasing focus on sustainability presents a significant opportunity for furniture companies to leverage the Ecolabel to attract more environmentally conscious customers.</p>
<p><b>INNOVATION AND PRODUCT DEVELOPMENT</b></p>	<p>Pursuing the Ecolabel encourages research and development of eco-friendly materials and production methods, fostering innovation within the industry. Furthermore, it can enable new partnerships and collaborations, as the holder of the EU Ecolabel can market the expertise and experience within obtaining and maintaining a certification as a differentiating parameter.</p>
<p><b>CHANGING REGULATIONS</b></p>	<p>The future EU Green Claims Guidelines surpass Forbrugerombudsmanden environmental claims. This higher level of scrutiny ensures certified products meet comprehensive EU-set environmental standards, enhancing the Ecolabel's credibility as a more robust certification for eco-friendly furniture.</p>

## THREATS

<p><b>COMPETITIVE PRESSURE</b></p>	<p>Competitors that do not hold the Ecolabel may offer cheaper alternatives, potentially drawing customers away from certified products.</p>
<p><b>GREENWASHING CONCERNS</b></p>	<p>Some companies might falsely claim or exaggerate their environmental efforts, potentially diluting the credibility of the Ecolabel if consumers become skeptical of its authenticity.</p>

# MATERIAL CATEGORIES

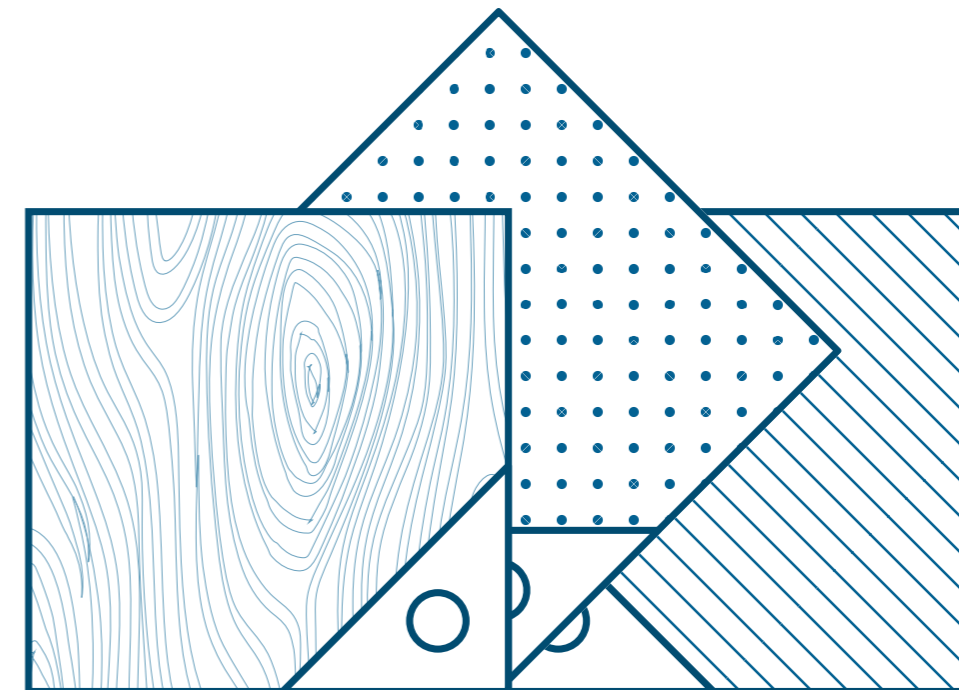


Illustration of different material swatches

The following definitions are from the EU Ecolabel criteria list and User manual. These definitions have been categorized to make it easier for you to identify which material category / definition your furniture's materials fall under and find the relevant compliance requirements later in the guidelines for those materials.

# MATERIAL CATEGORIES

## LEATHER

- (a) "Aniline leather" means leather whose natural grain is clearly and completely visible and where any surface coating with a non-pigmented finish is less than or equal to 0,01mm, as defined in EN 15987;
- (b) "Semi-aniline leather" means leather that has been coated with a finish containing a small amount of pigment, so that the natural grain is clearly visible, as defined in EN 15987;
- (c) "Pigmented and pigmented split leather" means leather or split leather whose natural grain or surface is completely concealed with a finish containing pigments, as defined in EN 15987;
- (d) "Patent and patent split leather" means leather or split leather with generally a mirror-like effect, obtained by application of a layer of pigmented or non-pigmented varnishes, or synthetic resins, whose thickness does not exceed one third of the total thickness of the product, as defined in EN 15987;
- (e) "Coated and coated split leather" means leather or split leather where the surface coating, applied to the outer side, does not exceed one third of the total thickness of the product but is in excess of 0,15 mm, as defined in EN 15987;

source: EU Ecolabel User Manual for Furniture, page 16,17

## VOC & SVOC

- (f) "Volatile organic compound" (VOC) means any organic compound having an initial boiling point of less than or equal to 250°C measured at a standard pressure of 101.3 kPa as defined in Directive 2004/42/EC of the European Parliament and of the Council<sup>6</sup> and which, in a capillary column, are eluting up to and including tetradecane (C<sub>14</sub>H<sub>30</sub>);
- (g) "Semi volatile organic compound" (SVOC) means any organic compound having a boiling point of greater than 250 °C and less than 370 °C measured at a standard pressure of 101,3 kPa and which, in a capillary column are eluting with a retention range after n-tetradecane (C<sub>14</sub>H<sub>30</sub>) and including n-Docosane (C<sub>22</sub>H<sub>46</sub>);

source: EU Ecolabel User Manual for Furniture, page 17

EUROPEAN STANDARD	<b>EN 15987</b>
NORME EUROPÉENNE	
EUROPÄISCHE NORM	April 2015
<hr/>	
ICS 01.040.59; 59.140.99	Supersedes EN 15987:2011
English Version	
Leather - Terminology - Key definitions for the leather trade	

source: <https://standards.iteh.ai/catalog/standards/cen/bae57f2a-e609-4c70-ad86-46511b60f1f9/en-15987-2015>

**i** [EN 15987 preview link: https://standards.iteh.ai/catalog/standards/cen/bae57f2a-e609-4c70-ad86-46511b60f1f9/en-15987-2015](https://standards.iteh.ai/catalog/standards/cen/bae57f2a-e609-4c70-ad86-46511b60f1f9/en-15987-2015)  
[Link for purchasing The standard: https://webshop.ds.dk/standard/M354409/ds-en-15987-2022](https://webshop.ds.dk/standard/M354409/ds-en-15987-2022)

# MATERIAL CATEGORIES

## RECYCLED MATERIALS

- (h) "Recycled content" means the proportion, by mass, of recycled material in a product or packaging; only pre-consumer and post-consumer materials are considered as recycled content, as defined in ISO 14021;
- (i) "Pre-consumer material" means material diverted from the waste stream during a manufacturing process but excluding the reutilization of materials such as rework, regrind or scrap generated in a process and capable of being reclaimed within the same process that generated it as defined in ISO 14021 and also excludes waste wood, chips and fibres from logging and sawmilling operations;
- (j) "Post-consumer material" means material generated by households or by commercial, industrial and institutional facilities in their role as end-users of the product which can no longer be used for its intended purpose, including returns of material from the distribution chain, as defined in ISO 14021;
- (k) "Recovered/reclaimed material" means material that would have otherwise been disposed of as waste or used for energy recovery, but has instead been collected and recovered/reclaimed as a material input, in lieu of new primary material, for a recycling or a manufacturing process, as defined in ISO 14021;
- (l) "Recycled material" means material that has been reprocessed from recovered/reclaimed material by means of a manufacturing process and made into a final product or into a component for incorporation into a product as defined in ISO 14021, but excludes waste wood, chips and fibres from logging and sawmilling operations;

source: EU Ecolabel User Manual for Furniture, page 17

## ISO 14021 definitions of pre-consumer and post-consumer scrap

The International Organization for Standardization (ISO) prepares international standards. Its ISO 14021 definitions are perhaps more technical than the industry definitions, but with no meaningful differences.

This is how ISO 14021 defines pre-consumer and post-consumer scrap:

- **Pre-consumer material:** Material diverted from the waste stream during a manufacturing process. Excluded is reutilization of materials such as rework, regrind or scrap generated in a process and capable of being reclaimed within the same process that generated it.
- **Post-consumer material:** Material generated by households or by commercial, industrial and institutional facilities in their role as end-users of the product which can no longer be used for its intended purpose. This includes returns of material from the distribution chain.

source: <https://www.shapesbyhydro.com/en/material-properties/understanding-the-definitions-and-differences-in-recycled-aluminium/>



[ISO 14021 preview link:  
https://standards.iteh.ai/catalog/  
standards/cen/740979f3-489e-  
483a-ba9e-6f93ffbe811b/en-  
iso-14021-2016](https://standards.iteh.ai/catalog/standards/cen/740979f3-489e-483a-ba9e-6f93ffbe811b/en-iso-14021-2016)

[Link for purchasing The standard:  
https://webshop.ds.dk/standard/  
M300296/ds-en-iso-14021-2016](https://webshop.ds.dk/standard/M300296/ds-en-iso-14021-2016)

# MATERIAL CATEGORIES

## WOOD PANEL BOARDS

- (m) "Wood-based panels" means panels fabricated from wood fibres by one of several different processes that may involve the use of elevated temperatures, pressures and binding resins or adhesives;
- (n) "Oriented Strand Board" means multi-layered board mainly made from strands of wood together with a binder, as defined in EN 300. The strands in the external layer are aligned and parallel to the board length or width. The strands in the internal layer or layers can be randomly orientated or aligned, generally at right angles to the strands in the external layers;

source: *EU Ecolabel User Manual for Furniture, page 17*

- (o) "Particleboard" means a panel material manufactured under pressure and heat from particles of wood (wood flakes, chips, shavings, saw-dust and similar) and/or other lignocellulosic material in particle form (flax shives, hemp shives, bagasse fragments and similar), with the addition of an adhesive, as defined in EN 309;
- (p) "Plywood" means wood-based panels consisting of an assembly of layers glued together with the direction of the grain in adjacent layers usually at right angles, as defined in EN 313. Many different sub-categories of plywood can be referred to based on how the plywood is structured (such as, veneer plywood, core plywood, balanced plywood) or its predominant end use (for instance, marine plywood);
- (q) "Fibreboards" means a broad set of panel types which are defined in EN 316 and EN 622 and which can be split into the sub-categories of hardboards, medium boards, soft-boards and dry-process boards based on their physical properties and production process;

source: *EU Ecolabel User Manual for Furniture, page 18*

SIST EN 316:2009

EUROPEAN STANDARD	<b>EN 316</b>
NORME EUROPÉENNE	
EUROPÄISCHE NORM	March 2009
ICS 79.060.20	Supersedes EN 316:1999
English Version	
Wood fibre boards - Definition, classification and symbols	

source: <https://standards.iteh.ai/catalog/standards/cen/4cc85e45-20ee-4daa-9ab9-2b85ad22b2b7/en-316-2009>

**i** [EN 316 preview link:](https://standards.iteh.ai/catalog/standards/cen/4cc85e45-20ee-4daa-9ab9-2b85ad22b2b7/en-316-2009)  
<https://standards.iteh.ai/catalog/standards/cen/4cc85e45-20ee-4daa-9ab9-2b85ad22b2b7/en-316-2009>  
**Link for purchasing The standard:**  
<https://webshop.ds.dk/standard/M230499/ds-en-316-2009>

EUROPEAN STANDARD	<b>EN 300</b>
NORME EUROPÉENNE	
EUROPÄISCHE NORM	July 2006
ICS 79.060.20	Supersedes EN 300:1997
English Version	
Oriented Strand Boards (OSB) - Definitions, classification and specifications	

source: <https://standards.iteh.ai/catalog/standards/cen/08948e55-7b1a-4e7f-bb10-8dc4dc6e01bf/en-300-2006>

**i** [EN 300 preview link:](https://standards.iteh.ai/catalog/standards/cen/08948e55-7b1a-4e7f-bb10-8dc4dc6e01bf/en-300-2006)  
<https://standards.iteh.ai/catalog/standards/cen/08948e55-7b1a-4e7f-bb10-8dc4dc6e01bf/en-300-2006>  
**Link for purchasing The standard:**  
<https://webshop.ds.dk/standard/M319333/ds-en-300-220-2-v3-2-1-2018>

EUROPEAN STANDARD	<b>EN 309</b>
NORME EUROPÉENNE	
EUROPÄISCHE NORM	January 2005
ICS 79.060.20	Supersedes EN 309:1992
English version	
Particleboards - Definition and classification	

source: <https://standards.iteh.ai/catalog/standards/cen/a9e84690-83e7-4416-ad73-51b3d54c5ea3/en-309-2005>

**i** [EN 309 preview link:](https://standards.iteh.ai/catalog/standards/cen/a9e84690-83e7-4416-ad73-51b3d54c5ea3/en-309-2005)  
<https://standards.iteh.ai/catalog/standards/cen/a9e84690-83e7-4416-ad73-51b3d54c5ea3/en-309-2005>  
**Link for purchasing The standard:**  
<https://webshop.ds.dk/standard/55251/ds-en-309-2005>

EUROPEAN STANDARD	<b>EN 313-1</b>
NORME EUROPÉENNE	
EUROPÄISCHE NORM	March 1996
ICS 79.060.10	Supersedes EN 313-1:1992
Descriptors:	wooden boards, plywood, classification
English version	
Plywood - Classification and terminology - Part 1: Classification	

source: <https://standards.iteh.ai/catalog/standards/cen/e5a0838b-394e-4806-9cfa-90fa752a7d09/en-313-1-1996>

**i** [EN 313 preview link:](https://standards.iteh.ai/catalog/standards/cen/e5a0838b-394e-4806-9cfa-90fa752a7d09/en-313-1-1996)  
<https://standards.iteh.ai/catalog/standards/cen/e5a0838b-394e-4806-9cfa-90fa752a7d09/en-313-1-1996>  
**Link for purchasing The standard:**  
<https://webshop.ds.dk/standard/25278/ds-en-313-1-1996>

EUROPEAN STANDARD	<b>EN 622-5</b>	BS EN 622-5:2009
NORME EUROPÉENNE		
EUROPÄISCHE NORM		November 2009
ICS 79.060.20		Supersedes EN 622-5:2006
English Version		
Fibreboards - Specifications - Part 5: Requirements for dry process boards (MDF)		

source: <https://webshop.ds.dk/en/preview/M322966>

**i** [EN 622 preview link:](https://webshop.ds.dk/en/preview/M322966)  
<https://webshop.ds.dk/en/preview/M322966>  
**Link for purchasing The standard:**  
<https://webshop.ds.dk/en/standard/M322966/ds-en-622-4-2019>



# MATERIAL CATEGORIES

## WOOD PRESERVATIVE/ DISINFECTANT/ ANTI-TERMITE

- (t) "Finishing operations" means methods where an over-layer or coating is applied to the surface of a material. Methods may include the application of paints, prints, varnishes, veneers, laminates, impregnated papers and finishing foils;
- (u) "Biocidal product" as defined in Regulation (EU) No 528/2012 of the European Parliament and of the Council<sup>7</sup> means:  
any substance or mixture, in the form in which it is supplied to the user, consisting of, containing or generating one or more active substances, with the intention of destroying, deterring, rendering harmless, preventing the action of, or otherwise exerting a controlling effect on, any harmful organism by any means other than mere physical or mechanical action,  
any substance or mixture generated from substances or mixtures which do not themselves fall under the preceding paragraph, to be used with the intention of destroying, deterring, rendering harmless, preventing the action of, or otherwise exerting a controlling effect on, any harmful organism by any means other than mere physical or mechanical means, and  
a treated article that has a primary biocidal function;
- (v) "Wood preservatives" means biocidal products which are applied by surface treatment (e.g. spraying, brushing) or deep penetrating processes (e.g. vacuum-pressure, double vacuum) to wood (i.e., logs received at the sawmill for commercial use and for all subsequent uses of the wood and wood-based products) or wood-based products themselves, or which are applied to non-wood substrates (e.g. masonry and building foundations) solely for the purpose of protecting adjacent wood or wood-based products from attack by wood-destroying organisms (e.g. dry rot and termites) according to the definition agreed upon by the European Committee for Standardisation (source CEN/TC 38 "Durability of wood and wood-based products");

source: EU Ecolabel User Manual for Furniture, page 18-19

## FORMALDEHYDE IN WOOD PANEL BOARD

- (w) "E1" means a classification for formaldehyde-containing wood-based panels adopted across EU Member States based on formaldehyde emissions. According to the definition provided in Annex B to EN 13986, a wood-based panel shall be classified as E1 if emissions are equivalent to steady state concentrations of less than or equal to 0.1 ppm (0.124 mg/m<sup>3</sup>) of formaldehyde after 28 days of a chamber test carried out according to EN 717-1 or that the formaldehyde content is determined to be less than or equal to 8 mg/100 g oven dry board when measured according to EN 120 or that formaldehyde emission rates are less than or equal to 3.5 mg/m<sup>2</sup>.h according to EN 717-2 or less than or equal to 5.0 mg/m<sup>2</sup>.h according to the same method but within 3 days after production;

source: EU Ecolabel User Manual for Furniture, page 19

## FAUX LEATHER / COATED FABRICS

- (x) "Coated fabrics" means fabrics with an adherent, discrete continuous layer of rubber and/or plastic based material on one or both surfaces, as defined in EN 13360, including upholstery materials commonly referred to as "faux leather";

source: EU Ecolabel User Manual for Furniture, page 19

EUROPEAN STANDARD **EN 13360**  
NORME EUROPÉENNE  
EUROPÄISCHE NORM  
December 2002  
ICS 01.040.59; 59.080.40  
English version  
Rubber- or plastics-coated fabrics - Terminology



[EN 309 preview link:  
https://webshop.ds.dk/en/  
preview/39390](https://webshop.ds.dk/en/preview/39390)  
[Link for purchasing The standard:  
https://webshop.ds.dk/  
en/standard/39390/ds-  
en-13360-2003](https://webshop.ds.dk/en/standard/39390/ds-en-13360-2003)

source: <https://webshop.ds.dk/en/preview/39390>

# MATERIAL CATEGORIES

## BIODEGRADABLE SUBSTANCES

- (r) "Readily biodegradable substance" means a substance that shows 70% degradation of dissolved organic carbon within 28 days or 60% of theoretical maximum oxygen depletion or carbon dioxide generation within 28 days using one of the following test methods: OECD 301 A, ISO 7827, OECD 301 B, ISO 9439, OECD 301 C, OECD 301 D, ISO 10708, OECD 301 E, OECD 301 F, ISO 9408;
- (s) "Inherently biodegradable substance" means a substance that shows 70% degradation of dissolved organic carbon within 28 days or 60% of theoretical maximum oxygen depletion or carbon dioxide generation within 28 days using one of the following test methods: ISO 14593, OECD 302 A, ISO 9887, OECD 302 B, ISO 9888, OECD 302 C;

source: EU Ecolabel User Manual for Furniture, page 18

## TEXTILES & FIBRES

- (y) "Textiles" mean natural fibres, synthetic fibres and man-made cellulose fibres;
- (z) "Natural fibres" means cotton and other natural cellulosic seed fibres, flax and other bast fibres, wool and other keratin fibres;
- (aa) "Synthetic fibres" means acrylic, elastane, polyamide, polyester and polypropylene fibres;
- (bb) "Man-made cellulose fibres" means lyocell, modal and viscose fibres;

source: EU Ecolabel User Manual for Furniture, page 19

## UPHOLSTERY

- (cc) "Upholstery" means the materials used in the craft of covering, padding and stuffing of seating, bedding or other furniture products and may include covering materials such as leather, coated fabrics and textiles as well as padding materials such as flexible cellular polymeric materials based on rubber latex and polyurethane;

source: EU Ecolabel User Manual for Furniture, page 19



Following are links to detailed testing methods suggested in the criteria. These links are for you to quickly glance through them to help you build a better understanding of the testing methods and what they entail. The links are only previews.

*Test methods for 'readily biodegradable substance':*

*OECD 301 A, B, C, D, E, F:*

<https://www.situbiosciences.com/product/oecd-301a-biodegradation-test-doc/>

*ISO 7827*

<https://www.iso.org/standard/46248.html>

*ISO 9439*

<https://www.iso.org/obp/ui/en/#iso:std:iso:9439:ed-2:v1:en>

*iso 10708*

<https://www.iso.org/obp/ui/en/#iso:std:iso:10708:ed-1:v1:en>

*iso 9408*

<https://www.iso.org/obp/ui/en/#iso:std:iso:9408:ed-2:v1:en>

*Test methods for 'inherently biodegradable substance':*

*iso 14593:*

<https://www.iso.org/obp/ui/en/#iso:std:iso:14593:ed-1:v1:en>

*OECD 302 a:*

[https://read.oecd-ilibrary.org/environment/test-no-302a-inherent-biodegradability-modified-scas-test\\_9789264070363-en#page6](https://read.oecd-ilibrary.org/environment/test-no-302a-inherent-biodegradability-modified-scas-test_9789264070363-en#page6)

*OECD 302 b:*

[https://read.oecd-ilibrary.org/environment/test-no-302b-inherent-biodegradability-zahn-wellens-evpa-test\\_9789264070387-en#page1](https://read.oecd-ilibrary.org/environment/test-no-302b-inherent-biodegradability-zahn-wellens-evpa-test_9789264070387-en#page1)

*OECD 302 C:*

[https://read.oecd-ilibrary.org/environment/test-no-302c-inherent-biodegradability-modified-miti-test-ii\\_9789264070400-en#page1](https://read.oecd-ilibrary.org/environment/test-no-302c-inherent-biodegradability-modified-miti-test-ii_9789264070400-en#page1)

*iso 9887:*

<https://www.iso.org/obp/ui/en/#iso:std:iso:9887:ed-1:v1:en>

*iso 9888:*

<https://www.iso.org/obp/ui/en/#iso:std:iso:9888:ed-2:v1:en>



# MATERIAL CATEGORIES

## UN-CATEGORISED

- |      |   |
|------|---|
| (dd) | "Substance", means a chemical element and its compounds in the natural state or obtained by any manufacturing process, including any additive necessary to preserve its stability and any impurity deriving from the process used, but excluding any solvent which may be separated without affecting the stability of the substance or changing its composition, as defined in Article 3(1) of Regulation (EC) No 1907/2006 of the European Parliament and of the Council <sup>8</sup> ; |
| (ee) | "Mixture" means a mixture or solution composed of two or more substances as defined in Article 3(2) of Regulation (EC) No 1907/2006;  |
| (ff) | "Component part" means rigid and discrete units whose shape and form does not need to be altered prior to assembly of the final product in its fully functional form, although its position may change during use of the final product and includes hinges, screws, frames, drawers, wheels and shelves;  |
| (gg) | "Component materials" means materials whose shape and form may change prior to furniture assembly or during use of the furniture product, and includes textiles, leather, coated fabrics and polyurethane foams used in upholstery. Supplied timber may be considered as a component material but be later sawn and treated to be converted into a component part.  |

source: EU Ecolabel User Manual for Furniture, page 19-20

# ASSESSMENT CRITERIA

The specific assessment and verification requirements are indicated within each criterion. Where the applicant is required to provide the following materials (even the ones from your suppliers) to the Competent Body, to show compliance with the criteria:

- Declarations, documentation, analyses, test reports, or other evidence to show compliance with the criteria, either from the applicant and/or their supplier(s), etc., as appropriate.
- Test methods other than those indicated for each criterion may be used if the competent body assessing the application accepts their equivalence.

Where appropriate, test methods other than those indicated for each criterion may be used if the competent body assessing the application accepts their equivalence. Contacting the Competent Body in this case, is highly recommended.

source: EU Ecolabel User Manual for Furniture, page 21

# ASSESSMENT CRITERIA

## 1. PRODUCT DESCRIPTION

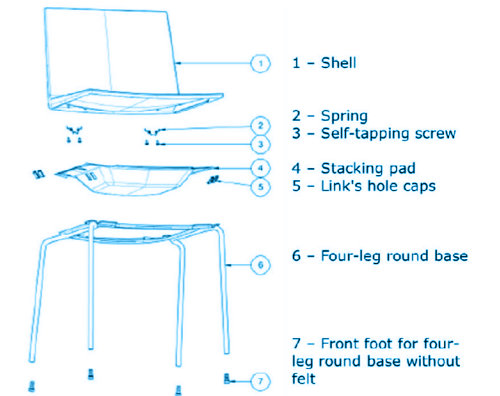
- Technical drawings that illustrate the different component parts/materials and sub-component parts/materials used in the assembly of the furniture product.
- Provide a comprehensive bill of materials indicating the total product unit weight and the weight distribution among solid wood, wood-based panels, cork, bamboo, rattan, plastics, metals, leather, textiles, coated fabrics, glass, padding/filling, and any “other” materials. These materials should comprise 95% of the furniture’s weight.
- “Other materials” must not exceed 5% of the total product weight (excluding packaging). Express material weights in grams or kilograms and as a percentage of the total product unit weight.

source: EU Ecolabel User Manual for Furniture, page 22

### Declaration to be completed by the APPLICANT

Declaration: 1. Product Description		
to be completed by the applicant		
Please provide technical drawings that illustrate the different components and sub-components used in the assembly of the product;		
Please provide bills of material for the product (excluding packaging) using the table below.		
Bill of materials:		
Material	Weight (kg)	% of total product weight
Solid wood/wood-based panels		
Cork		
Bamboo		
Rattan		
Plastics		
Metals		
Leather		
Textiles		
Coated fabrics		
Glass		
Padding/filling materials		
Other (please specify)		
<b>Total</b>		<b>100%</b>
<b>Signature of person bearing legal responsibility</b>		
<b>Position held</b>		
<b>Date:</b>		
<b>Company stamp:</b>		

Declaration template for Criterion 1 (source: EU Ecolabel User Manual for Furniture, page 64)



	Component part No. / Materials	Weight (g)	% weight
Chair	1 - Polypropylene	1648 (x1)	27.1%
	2 - Stainless Steel	2.5 (x2)	0.1%
	3 - Stainless Steel	1 (x4)	0.1%
	4 - Polypropylene	992 (x1)	16.3%
	5 - Polypropylene	2 (x4)	0.1%
	6 - Steel	3407 (x1)	56.1%
	7 - Polyethylene	3 (x4)	0.2%
	<b>Total chair weight</b>	<b>6076</b>	<b>100%</b>
Packaging	Cardboard	1105	97.1%
	Polyethylene	26	2.3%
	Steel	5	0.4%
	Paper	2	0.2%
	<b>Packaging weight</b>	<b>1138</b>	<b>100%</b>
Overall weights	<b>Chair weight</b>	<b>6076</b>	<b>81.3%</b>
	<b>Packaging weight</b>	<b>1138</b>	<b>18.7%</b>
	<b>Total weight</b>	<b>7214</b>	<b>100%</b>

Example of information required to demonstrate compliance with Criterion 1 (source: EU Ecolabel User Manual for Furniture, page 23)

# ASSESSMENT CRITERIA

## 2. GENERAL HAZARDOUS SUBSTANCE REQUIREMENTS

### 2.1 RESTRICTION OF SVHCs

- Compiled declarations from suppliers of the non-presence of SVHCs above 0.1% (w/w) in all supplied component parts/materials used in the furniture product.
- In the case of supplied textile fabrics or fibres that are EU Ecolabel certified, a copy of the EU Ecolabel certificate is sufficient as proof of compliance.
- A declaration that the final furniture product (as a single complex article) does not contain SVHCs above 0.1% (w/w).

source: EU Ecolabel User Manual for Furniture, page 24



SVHC: Substance of Very High Concern

*Declaration to be completed by the APPLICANT*

Declaration compilation: 2.1 Restriction of SVHCs to be completed by the applicant		
<i>Please fill out the details below and indicate where written declarations have been provided for supplied component parts/materials and the final furniture product itself. Add additional rows to the table if necessary.</i>		
Declarations of non-presence of SVHCs above 0.1% (weight by weight)		
Description of supplied component part/material	Supplier company (contact details optional)	Declaration of non-presence provided? (Y/N)
<i>Final furniture product (name)</i>	<i>Insert applicant details in this box</i>	Y
<b>Signature of person bearing legal responsibility</b>		
<b>Position held</b>		
<b>Date:</b>		
<b>Company stamp:</b>		

Declaration template for Criterion 2.1 (source: EU Ecolabel User Manual for Furniture, page 65)

*Declaration to be completed by the APPLICANT/SUPPLIER*

Declaration: 2.1 Restriction of SVHCs to be completed by the supplier/applicant	
<i>As the manufacturer/supplier of _____, I, the undersigned, hereby declare that the supplied component part/material does not contain any SVHC listed in the latest version of the ECHA Candidate List at the date of this declaration in concentrations &gt; 0.1% (w/w)..</i>	
<b>Signature of person bearing legal responsibility</b>	
<b>Position held</b>	
<b>Date:</b>	
<b>Company stamp:</b>	

Declaration template for Criterion 2.1 (source: EU Ecolabel User Manual for Furniture, page 65)

# ASSESSMENT CRITERIA

## 2. GENERAL HAZARDOUS SUBSTANCE REQUIREMENTS

### 2.2(A) CLP RESTRICTION OF SUBSTANCES AND MIXTURES USED BY THE FURNITURE MANUFACTURER

- Compiled list of all the substances and mixtures that have been directly used, under their control, in the production or treatment of articles used in the final furniture product.
- The required docs depend on the substance or mixture's role in compliance, like Safety Data Sheets (SDS). If needed, extra docs explaining why it's not in the product above 0.1%, or proof of compliance with derogation conditions.
- If a substance or mixture lacks a hazard classification and no SDS is available, you'll need a brief statement from the supplier confirming this for compliance.
- If using a restricted substance in small amounts (less than 0.1%), provide SDS and a document with calculations showing why it remains below 0.1% in the final product.
- For compliance through derogations, provide SDS, a compliance declaration, and necessary supporting docs and justifications.

source: EU Ecolabel User Manual for Furniture, page 26



CLP: Classification, Labelling & Packaging  
SDS: Safety data sheet

*Declaration to be completed by the APPLICANT*

Declaration: 2.2(a) CLP restriction of Substances and mixtures used by the furniture manufacturer to be completed by the applicant									
Please fill out the details below and include any hazard classification information of all substances and mixtures used directly by the furniture manufacturer in any treatment or processing of the component parts/materials used in the furniture product (add more rows if necessary).									
Name of substance / mixture used	CAS No (if available)	What hazard classification does the substance / mixture have (if any)	If classified, is this harmonised or by self declaration?	If classified by self declaration, indicate with an X what supporting evidence is provided.				Indicate by which means the substance / mixture meets the requirement.	
				Toxicological studies	Safety Data Sheet (SDS)	Documented expert judgement	Attestation by an accredited body	No restricted classification	Applied in quantities where unreacted residue or active substances is <0.1%

Declaration template for Criterion 2.2(a) (source: EU Ecolabel User Manual for Furniture, page 66)



# ASSESSMENT CRITERIA

## 2. GENERAL HAZARDOUS SUBSTANCE REQUIREMENTS

**i** This criterion shall not apply to individual component parts/materials from suppliers that weigh less than 25g and that do not come into direct contact with users during normal use.

### 2.2(B) CLP RESTRICTION OF SUBSTANCES AND MIXTURES USED BY SUPPLIERS IN DEFINED COMPONENT MATERIALS

**i** CLP: Classification, Labelling & Packaging (Regulation to ensure protection of health & environment)

- Criterion 2.2(b) is essentially the same as 2.2(a), but with a narrower scope as information is required only for certain types of substance/chemical or mixture.
- For composite component parts that are supplied (e.g. office chair wheels with both plastic and metals parts) the declaration should cover substances and mixtures used for both types of material.

source: EU Ecolabel User Manual for Furniture, page 28

#### Declaration to be completed by the APPLICANT

Declaration compilation: 2.2(b) CLP restriction of substances and mixtures used by suppliers of defined component parts/materials		
Compilation of declarations to be completed by the applicant		
Please fill out the details below and indicate where written declarations have been provided for supplied component parts/materials and the final furniture product itself.		
Add additional rows to the table if necessary.		
Declarations of the non-presence of CLP restricted substances and mixtures defined in criterion 2.2(b) above 0.1% (weight by weight – unless derogated.)		
Description of supplied component part/material	Supplier company (contact details optional)	Declaration of non-presence provided? (Y/N)
Signature of person bearing legal responsibility		
Position held		
Date:		
Company stamp:		

Declaration template for Criterion 2.2(b) (source: EU Ecolabel User Manual for Furniture, page 67)

#### Declaration to be completed by SUPPLIER of any solid wood or wood-based panel components

Declaration: 2.2(b) CLP restriction of substances and mixtures used by suppliers of defined component parts/materials	
to be completed by the supplier of any solid wood or wood-based panel components	
As the manufacturer/supplier of _____, I, the undersigned, hereby declare that any adhesives, varnishes, paints, wood stains, biocidal products, primers, flame retardants, fillers, waxes, oils, joint fillers, sealants or resins used in the supplied component part either:	
<ul style="list-style-type: none"> <li>• do not possess any of the CLP hazards listed in Table 1 of Criterion 2 or</li> <li>• do possess at least one of the CLP hazards listed in Table 1 of Criterion 2 but do not remain in the supplied component part at concentrations &gt;0.1% (w/w) or</li> <li>• do possess at least one of the CLP hazards listed in Table 1 of Criterion 2 but are derogated in Table 2 of Criterion 2.2 and derogation conditions are respected</li> </ul>	
Signature of person bearing legal responsibility	
Position held	
Date:	
Company stamp:	

Declaration template for Criterion 2.2(b) (source: EU Ecolabel User Manual for Furniture, page 68)

#### Declaration to be completed by the SUPPLIER of any plastic components

Declaration: 2.2(b) CLP restriction of substances and mixtures used by suppliers of defined component parts/materials	
to be completed by the supplier of any plastic components	
As the manufacturer/supplier of _____, I, the undersigned, hereby declare that any pigments, plasticisers, biocidal products or flame retardants used as additives in the supplied plastic component part either:	
<ul style="list-style-type: none"> <li>• do not possess any of the CLP hazards listed in Table 1 of Criterion 2 or</li> <li>• do possess at least one of the CLP hazards listed in Table 1 of Criterion 2 but do not remain in the supplied component part at concentrations &gt;0.1% (w/w) or</li> <li>• do possess at least one of the CLP hazards listed in Table 1 of Criterion 2 but are derogated in Table 2 of Criterion 2.2 and derogation conditions are respected</li> </ul>	
Signature of person bearing legal responsibility	
Position held	
Date:	
Company stamp:	

Declaration template for Criterion 2.2(b) (source: EU Ecolabel User Manual for Furniture, page 68)

#### Declaration to be completed by the SUPPLIER of any metal components

Declaration: 2.2(b) CLP restriction of substances and mixtures used by suppliers of defined component parts/materials	
to be completed by the supplier of any metal components	
As the manufacturer/supplier of _____, I, the undersigned, hereby declare that any paints, primers or varnishes applied to the metal surface of the supplied metal component part/material either:	
<ul style="list-style-type: none"> <li>• do not possess any of the CLP hazards listed in Table 1 of Criterion 2 or</li> <li>• do possess at least one of the CLP hazards listed in Table 1 of Criterion 2 but do not remain in the supplied component part at concentrations &gt;0.1% (w/w) or</li> <li>• do possess at least one of the CLP hazards listed in Table 1 of Criterion 2 but are derogated in Table 2 of Criterion 2.2 and derogation conditions are respected</li> </ul>	
Signature of person bearing legal responsibility	
Position held	
Date:	
Company stamp:	

Declaration template for Criterion 2.2(b) (source: EU Ecolabel User Manual for Furniture, page 69)

#### Declaration to be completed by the SUPPLIER of any textile, leather or coated fabric materials

Declaration: 2.2(b) CLP restriction of substances and mixtures used by suppliers of defined component parts/materials	
to be completed by the supplier of any textile, leather or coated fabric materials	
As the manufacturer/supplier of _____, I, the undersigned, hereby declare that any dyestuff, varnishes, optical brighteners, stabilisers, auxiliary compounds, flame retardants, plasticisers biocidal products or water/dirt/stain repellents used as additives in the supplied textile, leather or coated fabric material either:	
<ul style="list-style-type: none"> <li>• do not possess any of the CLP hazards listed in Table 1 of Criterion 2 or</li> <li>• do possess at least one of the CLP hazards listed in Table 1 of Criterion 2 but do not remain in the supplied component material at concentrations &gt;0.1% (w/w) or</li> <li>• do possess at least one of the CLP hazards listed in Table 1 of Criterion 2 but are derogated in Table 2 of Criterion 2.2 and derogation conditions are respected</li> </ul>	
Signature of person bearing legal responsibility	
Position held	
Date:	
Company stamp:	

Declaration template for Criterion 2.2(b) (source: EU Ecolabel User Manual for Furniture, page 69)

#### Declaration to be completed by the SUPPLIER of any upholstery padding materials

Declaration: 2.2(b) CLP restriction of substances and mixtures used by suppliers of defined component parts/materials	
to be completed by the supplier of any upholstery padding materials	
As the manufacturer/supplier of _____, I, the undersigned, hereby declare that any dyestuff, varnishes, optical brighteners, stabilisers, auxiliary compounds, flame retardants, plasticisers biocidal products or water/dirt/stain repellents used as additives in the supplied upholstery padding material either:	
<ul style="list-style-type: none"> <li>• do not possess any of the CLP hazards listed in Table 1 of Criterion 2 or</li> <li>• do possess at least one of the CLP hazards listed in Table 1 of Criterion 2 but do not remain in the supplied component material at concentrations &gt;0.1% (w/w) or</li> <li>• do possess at least one of the CLP hazards listed in Table 1 of Criterion 2 but are derogated in Table 2 of Criterion 2.2 and derogation conditions are respected</li> </ul>	
Signature of person bearing legal responsibility	
Position held	
Date:	
Company stamp:	

Declaration template for Criterion 2.2(b) (source: EU Ecolabel User Manual for Furniture, page 70)

# ASSESSMENT CRITERIA

## 3. WOOD AND WOOD-BASED MATERIALS

### 3.1 SUSTAINABLE WOOD

Applicant to provide their valid FSC/PEFC CoC certificates and those of all relevant suppliers they trade with.

- Verify 70% sustainable wood through labels (FSC or PEFC).

Or

- Delivery invoices with specified claims of inputs of sustainable certified virgin material or recycled material. Verify invoices via third party. Non-certified material must be legally sourced, GMO-free, and not from plantations converted into forests post-2011 or that are undergoing conversion.

*source: EU Ecolabel User Manual for Furniture, page 30*



GMO: Genetically modified organisms

FSC: Forest Stewardship Council

PEFC: Programme for the Endorsement of Forest Certification

*Declaration to be completed by the APPLICANT*

Declaration: 3.1 Wood and wood-based materials - Sustainable wood	
<i>to be completed by the Applicant but ONLY where the total amount of wood and/or wood based components exceeds 5% w/w of the final furniture product (excluding packaging)</i>	
<b>Please fill in the table below indicating the source of each wood or wood based component and details of the relevant certification scheme – complete additional sheets if necessary.</b>	
<i>Suitable certification systems that meet this requirement include FSC and PEFC. Other schemes will be permitted where they can be shown to be equivalent to the requirements of these schemes.</i>	
Requirement	Detail
<i>Description of wood or wood based component in the furniture product.</i>	
<i>Weight (kg) Weight (as % of total product weight, excluding packaging)</i>	
<i>% from certified source (please provide details of the forest management certification scheme and number)</i>	
<i>% recycled fibres (please provide supporting information e.g. supplier invoices etc.)</i>	
<i>% of wood from uncertified sources (please provide details of the verification scheme that ensures it comes from legal sources)</i>	
<i>Chain of custody (CoC) certification: name and certificate number of supplier</i>	
<b>Please provide copies of all CoC certificates of your suppliers and your own CoC certificate as well as details of your own CoC account, which shows the amount of certified wood and wood based materials purchased and sold.</b>	

*Declaration template for Criterion 3.1 (source: EU Ecolabel User Manual for Furniture, page 71)*

# ASSESSMENT CRITERIA

## 3. WOOD AND WOOD-BASED MATERIALS

### 3.2 RESTRICTED SUBSTANCES

#### (A) CONTAMINANTS IN RECYCLED WOOD USED IN WOOD-BASED PANELS

Applicant to provide

- Declaration 3.2 (a) from the panel manufacturer that no recycled wood was used in the panel.

Or

- Declare all recycled wood fibers tested under the 2002 “EPF Standard conditions for recycled wood delivery.” Support with test reports proving compliance with specified limits.

source: EU Ecolabel User Manual for Furniture, page 31

#### (B) HEAVY METALS IN PAINTS, PRIMERS AND VARNISHES

Applicant or material supplier to provide

- Declaration 3.2 (b) of compliance and attach the respective SDS from the suppliers of the paints, primers and/or varnishes used.

source: EU Ecolabel User Manual for Furniture, page 31



EPF: European Panel Federation  
SDS: safety data sheet

#### Declaration to be completed by the MANUFACTURER

**Declaration: 3.2 a) Contaminants in recycled wood**  
to be completed by the Wood based panel manufacturer

I, the undersigned, the supplier/manufacturer of wood based panels to \_\_\_\_\_  
(please insert the name of the applicant) declare that:

(please delete option 1 or 2, as appropriate)

1. The wood based panel does/does not contain recycled fibres.
2. Any recycled wood fibres that may be present in the supplied wood-based panels have been tested in accordance with the 2002 “EPF Standard conditions for the delivery of recycled wood”, complying with the limits set out below.

Contaminant	Amount (mg/kg recycled wood)	Contaminant	Amount (mg/kg recycled wood)
Arsenic (As)	25	Mercury (Hg)	25
Cadmium (Cd)	50	Fluorine (F)	100
Chromium (Cr)	25	Chlorine (Cl)	1000
Copper (Cu)	40	Pentachlorophenol (PCP)	5
Lead (Pb)	90	Creosote (Benzo(a)pyrene)	0.5

I attach supporting test reports together with this declaration.

<b>Signature of person bearing legal responsibility</b>	
<b>Position held</b>	
<b>Company Name in CAPITALS:</b>	
<b>Date:</b>	
<b>Company Stamp:</b>	

Declaration template for Criterion 3.2 (a) (source: EU Ecolabel User Manual for Furniture, page 72)

#### Declaration to be completed by the APPLICANT or SUPPLIER

**Declaration: 3.2 b) Heavy metals in paints, primers and varnishes**  
to be completed by the Applicant or material supplier, as appropriate

**Supplier Declaration**

I the undersigned, hereby declare that Paints, Primers or Varnishes used on the \_\_\_\_\_  
(name of solid wood or wood-based panel products supplied) supplied to \_\_\_\_\_  
(applicant details) do not contain additives based on cadmium, lead, chromium VI, mercury, arsenic or selenium, at concentrations exceeding 0.010% w/w for each individual metal in the in-can paint, primer or varnish formulation.

**Applicant Declaration**

I the undersigned, hereby declare that any Paints, Primers or Varnishes used on wood or wood-based materials in \_\_\_\_\_ (name of furniture product(s)) do not contain additives based on cadmium, lead, chromium VI, mercury, arsenic or selenium, at concentrations exceeding 0.010% w/w for each individual metal in the in-can paint, primer or varnish formulation.

Please attach the safety data sheets (SDS) in respect of each paint, primer or varnish used.

<b>Signature of person bearing legal responsibility</b>	
<b>Position held</b>	
<b>Company Name in CAPITALS:</b>	
<b>Date:</b>	
<b>Company Stamp:</b>	

Declaration template for Criterion 3.2 (b) (source: EU Ecolabel User Manual for Furniture, page 73)



# ASSESSMENT CRITERIA

## 3. WOOD AND WOOD-BASED MATERIALS

### 3.2 RESTRICTED SUBSTANCES

#### (C) VOC CONTENT IN PAINTS AND VARNISHES

**i** Criterion exempt for untreated or naturally treated wooden surfaces. Applies only if coated wood exceeds 5% w/w in the final furniture (excluding packaging).  
Not mandatory if criterion 9.5 compliance is shown.

Applicant to declare compliance. Specify if achieved through exemption or controlled VOC use in coating.

For controlled VOC use, applicant's declaration needs paint/primer/varnish supplier's info on VOC content and density (in g/L). Include a calculation of effective percentage VOC content.

If the VOC content of the paint, primer or varnish is greater than 5% (in-can concentration), then the applicant shall either:

- Provide calculations showing VOCs applied to the coated surface area of the assembled furniture product is under 30 g/m<sup>2</sup>, following the guidance in the calculation sheet.
- Calculate VOCs applied to the coated surface area of assembled furniture (<60 g/m<sup>2</sup>) using guidance in the calculation sheet. Provide test reports demonstrating surface finish compliance with Table 1 (Commission Decision (EU) 2016/1332 Page L210/107).

source: EU Ecolabel User Manual for Furniture, page 32, 33

#### Declaration to be completed by the APPLICANT

**Declaration: 3.2 c) VOC content in paints, primers and varnishes to be completed by the Applicant but ONLY where coated wood and/or wood based materials exceeds 5% w/w of the final furniture product (excl. packaging) AND if compliance with criterion 9.5 is NOT demonstrated.**

I, the undersigned, confirm that the proportion of the furniture product that consists of coated wood-based panels is \_\_\_\_\_% w/w.

**Please only proceed if the combined content of solid wood and any wood-based panels exceeds 5% of the product weight (excluding packaging)**

I, the undersigned, confirm that the paints, primers and varnishes used met the requirements of criterion 3.2(c) by the following manner(s): **(please insert more rows and/or merge cells as appropriate)**

Component / material supplied	Coating formulation used	Means of compliance with VOC restrictions		
		VOC content <5% → SDS + supplier declaration	Less than 30g/m <sup>2</sup> applied → SDS + calculation*	30-60g/m <sup>2</sup> applied → SDS + calculation + proof of technical quality**

\*please fill out calculation sheet on the next page  
\*\*please fill out calculation sheet on the next page and provide proof of compliance with minimum quality requirements for EN 12720, 12721, 12722 and 15186.

<b>Signature of person bearing legal responsibility</b>	
<b>Position held</b>	
<b>Company Name in CAPITALS:</b>	
<b>Date:</b>	
<b>Company Stamp:</b>	

Declaration template for Criterion 3.2 (c) (source: EU Ecolabel User Manual for Furniture, page 74)

#### Declaration to be completed by the APPLICANT

**Calculation sheet: 3.2 c) VOC content in paints and varnishes to be completed by the Applicant or coated panel supplier, as appropriate**

I, the undersigned, confirm that the following \_\_\_\_\_ (enter coated product name) solid wood panel / wood-based panel (delete as appropriate) complies with the limit of total VOC applied (in g/m<sup>2</sup> coated surface area) according to the calculations below.

Please note that the data is averaged and may vary slightly from one individual unit or product batch to another.

**If more than one coating substance is used, please repeat the calculation and add up the total VOC contents**

Requirement	Value	Unit
A: Total coated surface area per unit product		m <sup>2</sup>
B: The VOC content of the coating compound		g/L
C: The volume of coating compound present before the coating operation*		L
D: The volume of coating compound remaining after the coating operation*		L
E: The number of identical units processed during the coating operation		
F: Total area coated (=AxE)		m <sup>2</sup>
G: Total volume of coating compound used (=C-D)		L
H: Total VOC applied to surface (=BxG)		g
Total VOC applied per m <sup>2</sup> (=H/F)		g/m <sup>2</sup>

\* note that weight measurements can be used instead of volume so long as the density of the coating compound is known and accounted for in the calculation

<b>Signature of person bearing legal responsibility</b>	
<b>Position held</b>	
<b>Company Name in CAPITALS:</b>	
<b>Date:</b>	
<b>Company Stamp:</b>	

Declaration template for Criterion 3.2 (c) (source: EU Ecolabel User Manual for Furniture, page 75)

# ASSESSMENT CRITERIA

## 3. WOOD AND WOOD-BASED MATERIALS

### 3.3 FORMALDEHYDE EMISSIONS

The wood-based panel supplier shall provide a declaration of compliance, supported by test reports as follows, depending on the certification scheme it falls under:

- EU scheme: Test reports should be provided according to either: EN 717-1, EN 717-2 or EN 120.
- US scheme: Test reports should be provided according to either ASTM E1333, ASTM D5582 or ASTM D6007.
- Japanese scheme: Test reports should be provided according to either: JIS A 5905, 5908 or 1460.

Applicant must declare no additional formaldehyde-based treatment or modifications compromising compliance with emission limits in European, American, or Japanese schemes for supplied panels.

source: EU Ecolabel User Manual for Furniture, page 34

**i** [EN 717-1, Link for Preview & purchasing The standard:](https://webshop.ds.dk/standard/50196/ds-en-717-1-2004)  
[EN 717-2, Link for Preview & purchasing The standard:](https://webshop.ds.dk/en/standard/M338131/ds-en-iso-717-2-2020)  
[EN 120, Link for Preview & purchasing The standard:](https://webshop.ds.dk/standard/13232/ds-en-120-1994)  
[ASTM E1333, Link for Preview & purchasing The standard:](https://webshop.ds.dk/en/standard/A001565/astm-e133-92-2022)  
[ASTM D5582-22, Link for Preview & purchasing The standard:](https://webshop.ds.dk/standard/A009325/astm-d5582-22)  
[ASTM D6007 - 22, Link for Preview & purchasing The standard:](https://webshop.ds.dk/da/standard/A010108/astm-d6007-22)

### Declaration to be completed by the SUPPLIER

Declaration: 3.3 Formaldehyde emissions: Supplier to be completed by the wood-based panel supplier	
I the undersigned, hereby declare that the _____ (insert product name and wood-based panel generic type, i.e. particleboard, plywood, medium density fibreboard etc.) meet the formaldehyde emission requirements of criterion 3.3 and provide test reports to support this declaration using one or more of the following standard approaches:	
<b>50% of E1:</b>	
Test value according to EN 717-1 = _____ (must be ≤ 0.062 mg/m <sup>3</sup> )	
Test value according to EN 717-2 = _____ (must be ≤ 1.75 mg/m <sup>2</sup> h)*	
*(can be ≤ 2.5 mg/m <sup>2</sup> h for plywood, solid wood panels or laminated veneer lumber if measured within 3 days of chamber test)	
Test value according to EN 120 = _____ (must be ≤ 4 mg/100g oven dry board)	
<b>CARB Phase II:</b>	
Test value according to ASTM E1333 = _____ (must be ≤ 0.05 ppm for plywood, ≤ 0.09 ppm for particleboard, ≤ 0.11 ppm for medium density fibreboard or ≤ 0.13 ppm for thin medium density fibreboard).	
Test value according to ASTM D6007* = _____ *	
Test value according to ASTM D5582* = _____ *	
*results according to secondary ASTM methods (i.e. any method that is not ASTM E1333) should be accompanied by a declaration from the testing laboratory stating that the method used can be considered to produce results equivalent to ASTM E1333.	
<b>Japanese F star (3 or 4 star):</b>	
Test value according to JIS A 1460 = _____ (must be ≤ 0.5 mg/L for 3 star or ≤ 0.3 mg/L for 4 star)	
Signature of person bearing legal responsibility	
Position held	
Company Name in CAPITALS:	
Date:	
Company Stamp:	

Declaration template for Criterion 3.3 (source: EU Ecolabel User Manual for Furniture, page 76)

### Declaration to be completed by the APPLICANT

Declaration: 3.3 Formaldehyde emissions: Applicant to be completed by the Applicant	
I the undersigned, hereby declare that no further formaldehyde-based surface treatment was applied to supplied panels and that the panels were not modified in any other way that would compromise compliance with the formaldehyde emission limits already declared by the wood/wood based panel supplier.	
Signature of person bearing legal responsibility	
Position held	
Company Name in CAPITALS:	
Date:	
Company Stamp:	

Declaration template for Criterion 3.2 (c) (source: EU Ecolabel User Manual for Furniture, page 77)

**i** [JIS A 5905, Link for Preview & purchasing The standard:](https://global.ihs.com/doc_detail.cfm?document_name=JIS%20A%205905&item_s_key=00226797)  
[JIS A 5908, Link for Preview & purchasing The standard:](https://global.ihs.com/doc_detail.cfm?document_name=JIS%20A%205908&item_s_key=00227202)  
[JIS A 1460, Link for Preview & purchasing The standard:](https://global.ihs.com/doc_detail.cfm?document_name=JIS%20A%201460&item_s_key=00404414)

# ASSESSMENT CRITERIA

## 4. PLASTIC PARTS

### 4.1 MARKING OF PLASTIC COMPONENT PARTS

**i** The restriction on plastics from Vinyl Chloride Monomer implies a de facto ban on PVC in EU Ecolabel furniture.

Applicant needs to provide:

- Provide a declaration listing plastic components >100g in the final furniture product, specifying if marked according to EN ISO 11469 and EN ISO 1043 (parts 1-4). Include justifications for any non-marked plastic components.
- Request SDS or info from plastic component supplier(s) specifying polymer type and additives relevant for marking code.
- Optional analytical evidence needed for polymer type and additives in doubt or when suppliers don't provide info for components >100g in weight.

source: EU Ecolabel User Manual for Furniture, page 35

**i** [EN ISO 11469](https://webshop.ds.dk/standard/M300090/ds-en-iso-11469-2016), Link for Preview & purchasing The standard:  
<https://webshop.ds.dk/standard/M300090/ds-en-iso-11469-2016>  
[EN ISO 1043 \(part 1\)](https://webshop.ds.dk/en/standard/M300526/ds-en-iso-1043-1-2011-a1-2016), Link for Preview & purchasing The standard:  
<https://webshop.ds.dk/en/standard/M300526/ds-en-iso-1043-1-2011-a1-2016>  
[EN ISO 1043 \(part 2\)](https://webshop.ds.dk/standard/M236542/ds-en-iso-1043-2-2012), Link for Preview & purchasing The standard:  
<https://webshop.ds.dk/standard/M236542/ds-en-iso-1043-2-2012>  
[EN ISO 1043 \(part 3\)](https://webshop.ds.dk/standard/M299922/ds-en-iso-1043-3-2016), Link for Preview & purchasing The standard:  
<https://webshop.ds.dk/standard/M299922/ds-en-iso-1043-3-2016>  
[EN ISO 1043 \(part 4\)](https://webshop.ds.dk/en/standard/M344593/ds-en-iso-1043-4-2021), Link for Preview & purchasing The standard:  
<https://webshop.ds.dk/en/standard/M344593/ds-en-iso-1043-4-2021>

SDS: Safety data sheet

*Declaration to be completed by the APPLICANT*

Declaration: 4.1 Marking of plastic components		
to be completed by the Applicant		
I the undersigned, hereby declare that the following information provided about the plastic parts is accurate and that none of these parts are based on PVC.		
<b>Please complete the following table and provide the corresponding safety data sheet or a statement from the plastic supplier that details the polymer type and any additives used that account for more than 1% of the plastic weight. If necessary, please add more rows.</b>		
Plastic component part (weight in grams)	Marking applied as per EN ISO 11469 and EN ISO 1043 (parts 1-4)	Justification for not marking. Please provide evidence that further details of the polymer type and any additives (as per the requirements of EN ISO 11469 and EN ISO 1043 (parts 1-4) are included in the information provided to customers.
<b>Signature of person bearing legal responsibility</b>		
<b>Position held</b>		
<b>Company Name in CAPITALS:</b>		
<b>Date:</b>		
<b>Company Stamp:</b>		

Declaration template for Criterion 4.1 (source: EU Ecolabel User Manual for Furniture, page 78)

# ASSESSMENT CRITERIA

## 4. PARTS

### 4.2 RESTRICTED SUBSTANCES: HEAVY METALS IN PLASTIC ADDITIVES PARTS

**i** In addition to the general requirements for hazardous substances stated in Criterion 2, the conditions listed below shall apply for plastic component parts

Applicant needs to provide, as appropriate:

- For 100% virgin plastic: A declaration from the supplier stating no cadmium, chromium VI, lead, mercury, or tin additives, supported by a relevant SDS.
- For 100% virgin plastic without declaration or SDS: Provide test reports confirming compliance with limits for cadmium, chromium VI, lead, mercury, or tin (0.02 or 100 mg/kg) using prescribed methods (acid digestion + ICP or AA, XRF, or EN 71-3).
- For plastic with recycled content: Provide test reports confirming compliance with limits for cadmium, chromium VI, lead, mercury, or tin (0.2 or 1000 mg/kg) using prescribed methods (acid digestion + ICP or AA, XRF, or EN 71-3).

source: EU Ecolabel User Manual for Furniture, page 36

**i** [EN 71-3, Link for Preview & purchasing The standard: https://webshop.ds.dk/en/standard/M348508/ds-en-71-3-2019-a1-2021](https://webshop.ds.dk/en/standard/M348508/ds-en-71-3-2019-a1-2021)

SDS: safety data sheet

### Declaration to be completed by the APPLICANT

Declaration: 4.2 Heavy metals in plastic additives			
to be completed by the Applicant			
I the undersigned, hereby declare the following plastic components in the _____ (insert name of furniture product) comply with the requirements under criterion 4.2 and indicate which evidence is enclosed to demonstrate compliance. <b>Please add rows or merge cells as necessary.</b>			
Plastic component / raw material	Supplier	Evidence submitted	
		Declaration from supplier	Test Report
Signature of person bearing legal responsibility			
Position held			
Company Name in CAPITALS:			
Date:			
Company Stamp:			

Declaration template for Criterion 4.2 (source: EU Ecolabel User Manual for Furniture, page 79)

### Declaration to be completed by the SUPPLIER

Declaration: 4.2 Heavy metals in plastic additives			
to be completed by each Supplier of any plastic parts. NOTE: In the absence of a declaration, the Applicant will be required to test the supplied parts.			
I the undersigned, the supplier of _____ (please insert name of plastic component(s)) to _____ (please insert the name of the applicant) hereby declare that none of the parts are based on PVC and that either:			
a) None of the plastic components have been manufactured using compounds containing cadmium (Cd), chromium VI (CrVI), lead (Pb), mercury (Hg) or tin (Sn).			
Or			
b) The attached accredited laboratory test reports show that the above named plastic component(s) comply with the following limits:			
Metal	Method	Limit (mg/kg)	
		Virgin	Recycled.
Cd	XRF* or digestion followed by ICP** or AA*** or other adequate method for measuring total metal content.	100	1000
Pb		100	1000
Sn		100	1000
Hg		100	1000
CrVI****		EN 71-3	0.020
*XRF = X-Ray Fluorescence, testing can be destructive or non-destructive.			
** ICP = Inductively coupled plasma spectroscopy.			
***AA = Atomic absorption spectroscopy (especially suitable method for mercury measurement using cold vapour process)			
**** refers to extractable CrVI only.			
Signature of person bearing legal responsibility			
Position held			
Company Name in CAPITALS:			
Date:			
Company Stamp:			

Declaration template for Criterion 4.2 (source: EU Ecolabel User Manual for Furniture, page 80)



# ASSESSMENT CRITERIA

## 4. PLASTIC PARTS

### 4.3 RECYCLED PLASTIC CONTENT

**i** Only applies if the total content of plastic material in the furniture product exceeds 20% of the total product weight (excluding packaging).

The average recycled content of plastic parts (not including packaging) shall be at least 30 % w/w.

Applicant needs to provide declarations to support the claim of use of recycled plastic by:

- Provide a breakdown of all plastic components in the furniture, specifying their weights and minimum recycled contents.
- Obtain supplier declarations specifying the minimum recycled content of supplied plastic components and their sources.
- For in-house moulding of plastic components: Submit delivery invoices from plastic manufacturers, stating average recycled content and the amount utilized in the production line for components used in EU Ecolabel furniture.

source: EU Ecolabel User Manual for Furniture, page 37

### Declaration to be completed by the APPLICANT

Declaration: 4.3 Recycled plastic content: Applicant				
<i>to be completed by the Applicant</i>				
<i>Only relevant where &gt;20% weight/w of the furniture product is due to plastic parts</i>				
<i>I the undersigned, hereby declare that the average recycled content of all of the plastic parts present in the furniture product is _____ % w/w calculated as per the table below.</i>				
Description of Plastic Part(s)	Name of Supplier	Weight in furniture product	% Recycled content	Weight of Recycled content
<b>Total</b>			<b>Total</b>	
<b>Overall average % recycled content</b>				
<i>Please provide declarations and supporting documentation from each plastic parts supplier (see next declaration).</i>				
<b>Signature of person bearing legal responsibility</b>				
<b>Position held</b>				
<b>Company Name in CAPITALS:</b>				
<b>Date:</b>				
<b>Company Stamp:</b>				

Declaration template for Criterion 4.3 (source: EU Ecolabel User Manual for Furniture, page 81)

### Declaration to be completed by the SUPPLIER

Declaration: 4.3 Recycled plastic content: Supplier	
<i>to be completed by each Plastic component/raw material supplier</i>	
<i>I the undersigned, the supplier of _____ (please insert the name of the plastic part(s)/raw materials) to _____ (please insert the name of the applicant) hereby declare that the average recycled content of the plastic part/raw material supplied is _____ % w/w</i>	
<b>Note that in cases where raw materials are supplied to the applicant, who then converts them into plastic parts, information should be provided in batch delivery information for the raw materials, for example as per the framework set out in Table 1 of EN 15343.</b>	
<b>Signature of person bearing legal responsibility</b>	
<b>Position held</b>	
<b>Company Name in CAPITALS:</b>	
<b>Date:</b>	
<b>Company Stamp:</b>	

Declaration template for Criterion 4.3 (source: EU Ecolabel User Manual for Furniture, page 82)

# ASSESSMENT CRITERIA

## 5. METALS

### 5.1 ELECTROPLATING RESTRICTIONS

**i** the conditions listed below shall apply for metal components in the furniture product in addition to criterion 2

Applicant needs to provide:

- A list of all metal component parts in the furniture product, indicating which have been electroplated and if so, with which metal.
- Obtain supplier declarations for metal components, confirming electroplating details, including the metal used (differentiating between chromium III and chromium VI).

source: EU Ecolabel User Manual for Furniture, page 38

#### Declaration to be completed by the APPLICANT

Declaration: 5.1 Electroplating restrictions: Applicant to be completed by the Applicant			
I the undersigned, hereby declare the following metal components in the _____ (insert name of furniture product) comply with the requirements under criterion 5.1 and indicate which evidence is enclosed to demonstrate compliance. Please add rows or merge cells as necessary			
Metal component	Supplier	Evidence submitted	
		Declaration from supplier plus test report*	Test Report**
Signature of person bearing legal responsibility			
Position held			
Company Name in CAPITALS:			
Date:			
Company Stamp:			

\*test report is only for nickel release and only when nickel electroplating is used

\*\*only applicable in the absence of a suitable declaration

Declaration template for Criterion 5.1 (source: EU Ecolabel User Manual for Furniture, page 83)

#### Declaration to be completed by the SUPPLIER

Declaration: 5.1 Electroplating restrictions: Supplier to be completed by each metal component Supplier	
As the supplier of the following metal components: _____ (please insert name of component part) to _____ (please insert the name of the applicant) I the undersigned, hereby declare that:	
- the component has been electroplated (Y/N) ____ (if N, enter N/A for other statements)	
- compounds based on the following metals have been used for electroplating _____	
- no compounds based on chromium VI or cadmium have been used (Y/N) ____	
Only where nickel is one of the metals used in electroplating:	
- that nickel release rates are less than 0.5 µg/cm <sup>2</sup> /week (Y/N) ____ (please attach supporting test reports)	
Signature of person bearing legal responsibility	
Position held	
Company Name in CAPITALS:	
Date:	
Company Stamp:	

Declaration template for Criterion 5.1 (source: EU Ecolabel User Manual for Furniture, page 84)

### 5.2 HEAVY METALS IN PAINTS AND PRIMERS

The applicant or material supplier, as appropriate, shall provide a declaration of compliance and provide the respective SDS from the suppliers of the paints, primers and/or varnishes used.

source: EU Ecolabel User Manual for Furniture, page 39

#### Declaration to be completed by the APPLICANT or SUPPLIER

Declaration: 5.2 Heavy metals in paints, primers and varnishes to be completed by the Applicant or material supplier, as appropriate	
<b>Supplier Declaration</b>	
I the undersigned, hereby declare that Paints, Primers or Varnishes used on the _____ (name of metal component parts supplied) supplied to _____ (applicant details) do not contain additives based on cadmium, lead, chromium VI, mercury, arsenic or selenium, at concentrations exceeding 0.010% w/w for each individual metal in the in-can paint, primer or varnish formulation.	
<b>Applicant Declaration</b>	
I the undersigned, hereby declare that any Paints, Primers or Varnishes used on metal components in _____ (name of furniture product(s)) do not contain additives based on cadmium, lead, chromium VI, mercury, arsenic or selenium, at concentrations exceeding 0.010% w/w for each individual metal in the in-can paint, primer or varnish formulation.	
Please attach the safety data sheets (SDS) in respect of each paint, primer or varnish used.	
Signature of person bearing legal responsibility	
Position held	
Company Name in CAPITALS:	
Date:	
Company Stamp:	

Declaration template for Criterion 5.2 (source: EU Ecolabel User Manual for Furniture, page 85)

# ASSESSMENT CRITERIA

## 5. METALS

### 5.3 VOC CONTENT IN PAINTS, PRIMERS AND VARNISHES

**i** Only apply when the content of coated metal component parts exceeds 5% w/w in the final furniture product (excluding packaging).  
  
This criterion shall not be necessary if compliance with criterion 9.5 can be demonstrated

Applicant must declare compliance, specifying if achieved through exemption.

or

If it's through controlled VOC use in the coating operation, applicant's declaration needs supplier info on VOC content and density (in g/L) with effective percentage VOC content calculation. If paint/primer/varnish has over 5% VOC content (in-can), the applicant must either:

- Offer calculations proving the effective VOC quantity applied to the coated surface area of the assembled furniture product.
- Calculate VOCs applied to the final furniture's coated surface area (<60 g/m<sup>2</sup>) per the calculation sheet. Include test reports demonstrating surface finish compliance with the specified table requirements.

source: EU Ecolabel User Manual for Furniture, page 40,41

### Declaration to be completed by the APPLICANT

**Declaration: 5.3 VOC content in paints, primers and varnishes**  
to be completed by the Applicant but ONLY where coated metal component parts exceed 5% w/w of the final furniture product (excl. packaging) AND if compliance with criterion 9.5 is NOT demonstrated.

I, the undersigned, confirm that the proportion of the furniture product that consists of coated metal component parts is \_\_\_\_\_% w/w.

**Please only proceed if the combined content of metal component parts exceed 5% of the product weight (excluding packaging)**

I, the undersigned, confirm that the paints, primers and varnishes used met the requirements of criterion 5.3 by the following manner(s): **(please insert more rows and/or merge cells as appropriate)**

Component / material supplied	Coating formulation used	Means of compliance with VOC restrictions		
		VOC content <5% → SDS + supplier declaration	Less than 30g/m <sup>2</sup> applied → SDS + calculation*	30-60g/m <sup>2</sup> applied → SDS + calculation + proof of technical quality**

\*please fill out calculation sheet on the next page

\*\*please fill out calculation sheet on the next page and provide proof of compliance with minimum quality requirements for EN 12720, 12721, 12722 and 15186.

<b>Signature of person bearing legal responsibility</b>	
<b>Position held</b>	
<b>Company Name in CAPITALS:</b>	
<b>Date:</b>	
<b>Company Stamp:</b>	

Declaration template for Criterion 5.3 (source: EU Ecolabel User Manual for Furniture, page 86)

### Declaration to be completed by the APPLICANT or SUPPLIER

**Calculation sheet: 5.3 VOC content in paints, primers and varnishes**  
to be completed by the Applicant or coated panel supplier, as appropriate

I, the undersigned, confirm that the following \_\_\_\_\_ (enter coated product name) solid wood panel / wood-based panel (**delete as appropriate**) complies with the limit of total VOC applied (in g/m<sup>2</sup> coated surface area) according to the calculations below.

Please note that the data is averaged and may vary slightly from one individual unit or product batch to another.

**If more than one coating substance is used, please repeat the calculation and add up the total VOC contents**

Requirement	Value	Unit
1: Total coated surface area per unit product		m <sup>2</sup>
2: The VOC content of the coating compound		g/L
3: The volume of coating compound present before the coating operation*		L
4: The volume of coating compound remaining after the coating operation*		L
5: The number of identical units processed during the coating operation		
6: Total area coated (=1x5)		m <sup>2</sup>
7: Total volume of coating compound used (=3-4)		L
8: Total VOC applied to surface (=2x7)		g
Total VOC applied per m <sup>2</sup> (=8/6)		g/m <sup>2</sup>

\* note that weight measurements can be used instead of volume so long as the density of the coating compound is known and accounted for in the calculation

<b>Signature of person bearing legal responsibility</b>	
<b>Position held</b>	
<b>Company Name in CAPITALS:</b>	
<b>Date:</b>	
<b>Company Stamp:</b>	

Declaration template for Criterion 5.3 (source: EU Ecolabel User Manual for Furniture, page 87)











# ASSESSMENT CRITERIA

## 6. UPHOLSTERY COVERING MATERIALS

### 6.4 COTTON AND OTHER NATURAL CELLULOSIC SEED FIBRES

**i** Cotton with 70% or more recycled content is exempt from criterion 6.4 requirements.

Cotton-based fabrics with the EU Ecolabel (per Commission Decision 2014/350/EU) meet this criterion by submitting the EU Ecolabel certificate.

Applicant to declare use of cotton-based textile fabrics in upholstery materials. Provide relevant evidence as follows, if applicable:

- A copy of the EU Ecolabel certificate for the textile fabric, awarded under Commission Decision 2014/350/EU.
- A declaration of the minimum recycled cotton content in the produced textile fabric, supported by delivery invoices and independently verified chain of custody certificates tracing these deliveries back to the reprocessing center.
- Declare the minimum organic cotton content, backed by evidence certified by an independent control body aligning with Regulation (EC) No 834/2007, the US National Organic Programme, or other trading partners' standards. Claims based on transaction records and/or invoices, annually and per production line. Include screening test evidence for genetic modifications in any non-organic cotton content.

**i** (GMO) cotton is not permitted in blends claiming a minimum organic cotton content

GMO cotton is permitted in blends claiming a minimum IPM cotton content.

- A declaration of the minimum IPM cotton content, supported by evidence that supplying farms have participated in formal training programmes of the UN FAO or Government IPM and ICM programmes and/or have been audited as part of third party certified IPM schemes. Claims should be based on an annual basis for each country of origin or on purchase records for IPM cotton used in the product. Additionally, suppliers shall declare that none of a list of some 22 banned pesticides (see criterion 6.4b for full list, page L21/129) have been used during cultivation of cotton crops.

source: EU Ecolabel User Manual for Furniture, page 45-46

**i** Acceptable standards for IPM include the "Better Cotton Initiative" (BCI), "AGRO 2" (Greece), "Cotton Made in Africa" and "Fair Trade".

#### Declaration to be completed by SUPPLIER/ MANUFACTURER of the textile fabric

Declaration: 6.4 Cotton and other natural cellulosic seed fibres		
to be completed by the textile fabric Supplier/ Manufacturer		
I the undersigned, hereby declare that the cotton-based textile fabrics supplied to _____ (please insert the name of the applicant) meet the requirements of criterion 6.4 according to compliance route ____ described below and attach the appropriate supporting evidence.		
Route	Compliance route	Supporting evidence attached
1	Textile fabric carries the EU Ecolabel	Declaration plus a copy of the certificate awarded under Commission Decision 2014/350/EU
2	Cotton content in textile fabric consists of at least 70% recycled cotton	Declaration of the minimum recycled content, supported by delivery invoices and chain of custody certificates tracing the material back to reprocessing centres
3	Cotton content in textile fabric, excluding any recycled cotton, is at least 10% organic certified	Declaration of the minimum organic cotton content, supported by transaction records and/or invoices of organic cotton deliveries on an annual and production line basis. Evidence of screening tests for common genetic modifications in any remaining non-organic cotton content.
4	Cotton content in textile fabric, excluding any recycled cotton, is at least 20% IPM certified	Declaration of the minimum IPM cotton content, supported by evidence of supplying farm(s) participation in formal IPM and ICM programmes and/or are audited under third party certified IPM schemes. Claims should be presented on an annual basis for country of origin or on purchase records. A further declaration(s) should be provided from the supplying farm(s) that none of the pesticides listed in criterion 6.4(b) have been used during the cultivation of IPM cotton.
Signature of person bearing legal responsibility		
Position held		
Company Name in CAPITALS:		
Date:		
Company Stamp:		

Declaration template for Criterion 6.4 (source: EU Ecolabel User Manual for Furniture, page 98)

# ASSESSMENT CRITERIA

## 7. UPHOLSTERY PADDING MATERIALS

### 7.1. LATEX FOAM

#### 7.1 (A) RESTRICTED SUBSTANCES

**i** Testing requirements cover the following elements:

- chlorophenols (method A),
- heavy metals method B),
- pesticides (method C)
- butadiene (method D).

#### Required documentation for Assessment and verification: Restricted substances

- A.** For chlorophenols the applicant shall provide a report presenting the results of a test where chlorophenols are extracted in the form of phenol (PCP), sodium salt (SPP) or esters from a milled 5g sample of foam. The extracts shall be analysed by gas chromatography (GC) with a mass spectrometer (MS) or electron capture detector (ECD).
- B.** For heavy metals the applicant shall provide a report presenting the results of a test where milled foam samples are eluted in accordance with DIN 38414-54 or equivalent at a ratio of 1:10. The resultant filtrate shall be passed through a 0.45 µm membrane filter (if necessary by pressure filtration). The filtrate shall be examined for heavy metals by inductively coupled plasma optical emission spectrometry (ICP-OES), ICP atomic emission spectrometry (ICP-AES), or by atomic absorption spectrometry using a hydride or cold vapour process.
- C.** For pesticides the applicant shall provide a report presenting the results of tests where 2 g of sample is extracted in an ultrasonic bath with a hexane/dichloromethane mixture (85/15). The extract is cleaned up by acetonitrile agitation or by adsorption chromatography over florisil. Measurement and quantification are determined by GC-ECD or GC-MS. The testing on pesticides is only requested for latex foams with a content of at least 20% natural latex.
- D.** For butadiene the applicant shall provide a report presenting the results of tests where a known quantity of milled foam sample is placed in a sealed container and the headspace is analysed. Butadiene content shall be determined by GC flame ionisation detection.

source: EU Ecolabel User Manual for Furniture, page 47

#### Declaration to be completed by the APPLICANT or SUPPLIER or MANUFACTURER

Declaration: 7.1 a) Latex foam: Restricted substances to be completed by the Applicant / latex foam supplier or manufacturer				
I the undersigned, the manufacturer of latex foam / intermediate supplier of latex foam / applicant (please delete as appropriate) hereby declare that the material supplied complies with the relevant chemical residue restrictions stated below and attach copies of relevant test reports.				
Group of substances	Substance	Limit (ppm)	Test Method	Result (ppm)
Chlorophenols	mono- and di-chlorinated phenols (salts and esters)	1	5 g of sample shall be milled and chlorophenols extracted in the form of phenol (PCP), sodium salt (SPP) or esters. The extracts analysed by means of gas chromatography (GC). Detection shall be made with mass spectrometer or electron capture detector (ECD).	
	Other chlorophenols	0.1		
Heavy metal	As (Arsenic)	0.5	Milled sample material is eluted in accordance with DIN 38414-54 or equivalent in a ratio of 1:10. The resultant filtrate shall be passed through a 0.45 µm membrane filter (if necessary by pressure filtration). The solution obtained shall be examined for the content of heavy metals by inductively coupled plasma optical emission spectrometry (ICP-OES), also known as inductively coupled plasma atomic emission spectrometry (ICP-AES), or by atomic absorption spectrometry using a hydride or cold vapour process	
	Cd (Cadmium)	0.1		
	Co (Cobalt)	0.5		
	Cr (Chromium), total	1		
	Cu (Copper)	2		
	Hg (Mercury)	0.02		
	Ni (Nickel)	1		
Pb (Lead)	0.5			
	Sb (Antimony)	0.5		
Pesticides*	Aldrin	0.04	2 g of sample is extracted in an ultrasonic bath with a hexane/dichloromethane mixture (85/15). The extract is cleaned up by acetonitrile agitation or by adsorption chromatography over florisil. Measurement and quantification are determined by gas chromatography with detection on an electron capture detector or by coupled gas chromatography/mass spectrometry. The testing on pesticides is requested for latex foams with a content of at least 20% natural latex.	
	o,p-DDE	0.04		
	p,p-DDE	0.04		
	o,p-DDD	0.04		
	p,p-DDD	0.04		
	o,p-DDT	0.04		
	p,p-DDT	0.04		
	Diazinone	0.04		
	Dichlorfenthion	0.04		
	Dichlorvos	0.04		
	Diethrin	0.04		
	Endrin	0.04		
	Heptachlor	0.04		
	Heptachlorepoxyde	0.04		
	Hexachlorobenzene	0.04		
	Hexachlorocyclohexane	0.04		
	α-Hexachlorocyclohexane	0.04		
β-Hexachlorocyclohexane	0.04			
γ-Hexachlorocyclohexane (Lindane)	0.04			
δ-Hexachlorocyclohexane	0.04			
Malathion	0.04			
Methoxychlor	0.04			
Mirex	0.04			
Parathion-ethyl	0.04			
Parathion-methyl	0.04			
Other specific substances that are restricted	Butadiene	1	Following milling and weighing of the latex foam, headspace sampling shall be performed. Butadiene content shall be determined by gas chromatography with detection by flame ionisation.	

\* Only for foams composed of natural latex for at least 20% by weight.

#### Declaration to be completed by the APPLICANT or SUPPLIER or MANUFACTURER

Declaration: 7.1 a) Latex foam: Restricted substances to be completed by the Applicant / latex foam supplier or manufacturer	
Signature of person bearing legal responsibility	
Position held	
Company Name in CAPITALS:	
Date:	
Company Stamp:	

Declaration template for Criterion 7.1 (a) (source: EU Ecolabel User Manual for Furniture, page 99,100)



# ASSESSMENT CRITERIA

## 7. UPHOLSTERY PADDING MATERIALS

### 7.1. LATEX FOAM

#### 7.1 (B) 24H VOC EMISSIONS

**i** Testing requirements cover the following elements:  
 - Overall limits (i.e. for total VOCs, nitrosamines and total hydrocarbons)  
 - Specific limits (i.e. for 10 individual VOCs, such as formaldehyde and vinyl chloride monomer).

#### Required documentation for Assessment and verification: 24h VOC emissions

The applicant shall provide a report presenting the results of chamber test analysis carried out by an accredited laboratory in accordance with ISO 16000-9 or equivalent methodology.

The area specific ventilation rate ( $q=n/l$ ) shall be 1. The ventilation rate shall be between 0.5 and 1. The air sampling shall be done 24±1 h after loading of the chamber during a 1 hour period using DNPH cartridges for the analysis of formaldehyde and other aldehydes and on Tenax TA for the analysis of other volatile organic compounds. Sampling duration for other compounds may be longer but shall be completed before 30 hours.

The analysis of formaldehyde and other aldehydes shall comply with the standard ISO 16000-3 or equivalent methodology. Unless specified differently, the analysis of other volatile organic compounds shall comply with the standard ISO 16000-6 or equivalent methodology.

The analysis of nitrosamines shall be done by means of gas chromatography in combination with a thermal energy analysis detector (GC-TEA), in accordance with the BGI 505-23 method (formerly: ZH 1/120.23) or equivalent methodology.

source: EU Ecolabel User Manual for Furniture, page 48

**i** ISO 16000-9:  
<https://www.iso.org/standard/38203.html>  
iso 16000-3:  
<https://www.iso.org/standard/81864.html>  
16000-6  
<https://www.iso.org/standard/73522.html>

Declaration to be completed by the APPLICANT or SUPPLIER or MANUFACTURER

Declaration: 7.1.b) Latex foam: 24h VOC emissions			
to be completed by the Applicant / latex foam supplier or manufacturer			
I the undersigned, the manufacturer of latex foam / intermediate supplier of latex foam / applicant (please delete as appropriate) hereby declare that the material supplied complies with the relevant chemical residue restrictions stated below and attach copies of relevant test reports.			
Substance	Limit (mg/m <sup>3</sup> )	Test Methods	Result (mg/m <sup>3</sup> )
1,1,1 - trichloroethane	0.2	Chamber test analysis carried out by an accredited laboratory in accordance with ISO 16000-9. The wrapped sample shall be stored at room temperature at least for 24 hours. After this period the sample shall be unwrapped and immediately transferred into the test chamber. The sample shall be placed on a sample holder, which allows air access from all sides. The climatic factors shall be adjusted according to ISO 16000-9. For comparison of test results, the area specific ventilation rate ( $q=n/l$ ) shall be 1. The ventilation rate shall be between 0.5 and 1. The air sampling shall be done 24±1 h after loading of the chamber during 1 hour on DNPH cartridges for the analysis of formaldehyde and other aldehydes and on Tenax TA for the analysis of other volatile organic compounds. Sampling duration for other compounds may be longer but shall be completed before 30 hours. The analysis of formaldehyde and other aldehydes shall comply with the standard ISO 16000-3. Unless specified differently, the analysis of other volatile organic compounds shall comply with the standard ISO 16000-6. Testing following the standard CEN/TS 16516 shall be considered as equivalent to those of the ISO 16000 series of standards. The analysis of nitrosamines shall be done by means of gas chromatography in combination with a thermal energy analysis detector (GC-TEA), in accordance with the BGI 505-23 method (formerly: ZH 1/120.23) or equivalent.	
4-Phenylcyclohexene	0.02		
Carbon Disulphide	0.02		
Formaldehyde	0.005		
Nitrosamines*	0.0005		
Styrene	0.01		
Tetrachloroethylene	0.15		
Toluene	0.1		
Trichloroethylene	0.05		
Vinyl chloride	0.0001		
Vinyl cyclohexene	0.002		
Aromatic hydrocarbons (total)	0.3		
VOCs (total)	0.5		
<b>Signature of person bearing legal responsibility</b>			
<b>Position held</b>			
<b>Company Name in CAPITALS:</b>			
<b>Date:</b>			
<b>Company Stamp:</b>			

Declaration template for Criterion 7.1 (b) (source: EU Ecolabel User Manual for Furniture, page 101)

# ASSESSMENT CRITERIA

## 7. UPHOLSTERY PADDING MATERIALS

### 7.2. POLYURETHANE (PUR) FOAM

#### 7.2 (A) RESTRICTED SUBSTANCES

**i** Testing requirements cover the following elements:

- heavy metals (method B),
- plasticisers (method C),
- TDA and MDA (method D)
- Inorganic substances (method E).

If testing is necessary, submit results demonstrating compliance with the defined limits in criterion 7.2(a) of Commission Decision (EU) 2016/1332:

- A copy of the relevant CertiPUR certificate

In the absence of CertiPUR:

- Declare that no intentionally added biocides, phthalates, and other restricted substances are present in the foam formulation.
- Provide a summary of test results for heavy metals, plasticizers, Toluenediamine (TDA), Diaminodiphenylmethane (MDA), and inorganic substances. Include copies of pertinent test reports.

source: EU Ecolabel User Manual for Furniture, page 49

**i** More info on CertiPUR  
<https://europur.org/certipur/>

#### Declaration to be completed by the APPLICANT or MANUFACTURER

##### Declaration: 7.2 a) Polyurethane (PUR) foam: Restricted substances and mixtures

to be completed by the PUR foam Manufacturer/Applicant, as appropriate

I the undersigned, declare the following statements and results below are accurate and comply with the requirements of criterion 7.2(a) of Commission Decision (EU) 2016/1332/EU for EU Ecolabel furniture substances/mixtures have not been intentionally added to the polyurethane foam supplied to (please insert the name of the applicant):

- That no biocidal products have been intentionally used.
- That no flame retardants have been intentionally used (unless in accordance with the conditions laid out in entries b) and c) of the derogation table in criterion 2.2 of Commission Decision (EU) 2016/1332).
- That no phthalate plasticisers listed on the ECHA candidate list have been intentionally used.
- That none of the following substances have been intentionally added: Chlorinated or brominated dioxins or furans; Chlorinated hydrocarbons: (1,1,2,2-Tetrachloroethane, Pentachloroethane, 1,1,2-Trichloroethane, 1,1-Dichloroethylene); Chlorinated phenols (PCP, TeCP, 87-86-5); Hexachlorocyclohexane (58-89-9); Monomethyldibromo-Diphenylmethane (99688-47-8); Monomethyldichloro-Diphenylmethane (81161-70-8); Nitrites; Polybrominated Biphenyls (PBB, 59536-65-1); Pentabromodiphenyl Ether (PeBDE, 32534-81-9); Octabromodiphenyl Ether (OBDE, 32536-52-0); Polychlorinated Biphenyls (PCB, 1336-36-3); Polychlorinated Terphenyls (PCT, 61788-33-8); Tris(2,3-dibromopropyl) phosphate (TRIS, 126-72-7); Trimethylphosphate (512-56-1); Tris-(aziridinyl)-phosphin oxide (TEPA, 545-55-1); Tris(2-chloroethyl)-phosphate (TCEP, 115-96-8); Dimethyl methylphosphonate (DMMP, 756-79-6).

I also confirm that the analytical test results for the following compounds in the PUR foam are as follows and use the methodology described. I also attach copies of the test reports.

Substance group	Substance (acronym, CAS number)	Limit value	Test Method	Test Result
Heavy Metals	As (Arsenic)	0.2 ppm	Milled sample material is eluted in accordance with DIN 38414-54 or equivalent in a ratio of 1:10. The resultant filtrate shall be passed through a 0.45 µm membrane filter (if necessary by pressure filtration). The solution obtained shall be examined for the content of heavy metals by atomic emission spectrometry with inductively coupled plasma (ICP-AES or ICP-OES) or by atomic absorption spectrometry using a hydride or cold vapour process	
	Cd (Cadmium)	0.1 ppm		
	Co (Cobalt)	0.5 ppm		
	Cr (Chromium), total	1.0 ppm		
	Cr VI (Chromium VI)	0.01 ppm		
	Cu (Copper)	2.0 ppm		
	Hg (Mercury)	0.02 ppm		
	Ni (Nickel)	1.0 ppm		
	Pb (Lead)	0.2 ppm		
	Sb (Antimony)	0.5 ppm		
Se (Selenium)	0.5 ppm			
Plasticizers	Dibutylphthalate (DBP, 84-74-2)*	0.01% w/w (sum of all 6 phthalates in furniture for children <3 years old)	Extraction shall be performed using a validated method such as the subsonic extraction of 0.3 g of sample in a vial with 9 ml of t-Butylmethylether during 1 hour followed by the determination of phthalates by GC using a single ion monitoring mass selective detector (SIM Modus).	
	Di-n-octylphthalate (DNOP, 117-84-0)*			
	Di (2-ethylhexyl)-phthalate (DEHP, 117-81-7)*			
	Butylbenzylphthalate (BBP, 85-68-7)*			
	Di-iso-decylphthalate (DIDP, 26761-40-0)			
Di-iso-nonylphthalate (DINP, 28553-12-0)				
TDA and MDA	2,4-Toluenediamine (2,4-TDA, 95-80-7)	5.0 ppm	Extraction of a 0.5 g composite sample in a 5ml syringe shall be performed with 2.5 ml of 1% aqueous acetic acid solution. The syringe is squeezed and the liquid returned to the syringe. After repeating this operation 20 times, the final extract is kept for analysis. A new 2.5 ml of 1% aqueous acetic acid is then added to the syringe and another 20 cycles repeated. After this, the extract is combined with the first extract and diluted to 10 ml in a volumetric flask with acetic acid. The extracts shall be analysed by high-performance liquid chromatography (HPLC-UV) or HPLC-MS. If HPLC-UV is performed and interference is suspected, reanalysis with high performance liquid chromatography-mass spectrometry (HPLC-MS) shall be performed.	
Inorganic substances	Tributyltin (TBT)	50 ppb	A composite sample of 1-2 g weight shall be mixed with at least 30ml of extracting agent during 1 hour in an ultrasonic bath at room temperature. The extracting agent shall be a mixture composed as follows: 1750 ml methanol + 300 ml acetic acid + 250 ml buffer (pH 4.5). The buffer shall be a solution of 164 g of sodium acetate in 1200 ml of water and 165 ml acetic acid, to be diluted with water to a volume of 2000 ml. After extraction the alkyl tin species shall be derivatized by adding 100 µl of sodium tetraethylborate in tetrahydrofuran (THF) (200 mg/ml THF). The derivative shall be extracted with n-hexane and the sample shall be submitted to a second extraction procedure. Both hexane extracts shall be combined and further used to determine the organotin compounds by gas chromatography with mass selective detection in SIM modus	
	Dibutyltin (DBT)	100 ppb		
	Monobutyltin (MBT)	100 ppb		
	Tetraethyltin (TeBT)	-		
	Monoethyltin (MOT)	-		
	Dioctyltin (DOT)	-		
	Tricyclohexyltin (TcYt)	-		
Triphenyltin (TPhT)	-			
	Sum	500 ppb		

<b>Signature of person bearing legal responsibility</b>	
<b>Position held</b>	
<b>Company Name in CAPITALS:</b>	
<b>Date:</b>	
<b>Company Stamp:</b>	

Declaration template for Criterion 7.2 (a) (source: EU Ecolabel User Manual for Furniture, page 102,103)

# ASSESSMENT CRITERIA

## 7. UPHOLSTERY PADDING MATERIALS

### 7.2. POLYURETHANE (PUR) FOAM

#### 7.2 (B) 72H VOC EMISSIONS

The applicant shall provide test results that show compliance with the testing requirements and limits stated in Criterion 7.2(b) of Commission Decision (EU) 2016/1332.

If the foam is CertiPUR certified, submit the certificate as proof for all requirements except formaldehyde's individual emission limit. In this case, provide test reports showing chamber concentrations below 0.005mg/m<sup>3</sup> after 72 hours.

source: EU Ecolabel User Manual for Furniture, page 50



[More info on CertiPUR  
https://europur.org/certipur/](https://europur.org/certipur/)

#### 7.2 (C) BLOWING AGENTS

The applicant shall provide a declaration from the foam supplier that halogenated organic blowing agents have not been used.

If no declaration is available, the applicant may submit test reports proving that the foam was analyzed and found free of significant traces of halogenated organic blowing agents.

source: EU Ecolabel User Manual for Furniture, page 51

#### Declaration to be completed by the APPLICANT or MANUFACTURER

Declaration: 7.2 b) Polyurethane foam: 72h VOC emissions to be completed by the PUR foam Manufacturer/Applicant, as appropriate			
I the undersigned, declare the following statements and results below are accurate and comply with the requirements of criterion 7.2(b) of Commission Decision (EU) 2016/1332 for EU Ecolabel furniture substances/mixtures have not been intentionally added to the polyurethane foam supplied to _____ (please insert the name of the applicant)			
Substance (CAS number)	Limit (mg/m <sup>3</sup> )	Test Method	Result (mg/m <sup>3</sup> )
Formaldehyde (50-00-0)	0.005	The test sample/chamber combination shall be either: 1 sample of 25x20x15 cm dimensions is placed in a 0.5 m <sup>3</sup> test chamber or 2 samples of 25x20x15 cm dimensions are placed in a 1.0 m <sup>3</sup> test chamber. The foam sample shall be placed on the bottom of an emission test chamber and conditioned for 3 days at 23 °C and 50% relative humidity, applying an air exchange rate n of 0.5 per hour and a chamber loading L of 0.4 m <sup>2</sup> /m <sup>3</sup> (= total exposed surface of sample in relation to chamber dimensions without sealing edges and back) in accordance with ISO 16000-9 and ISO 16000-11. Sampling shall be done 72 ± 2 h after loading of the chamber during 1 hour via Tenax TA and DNPH cartridges for VOC and formaldehyde analysis respectively. The emissions of VOC are being trapped on Tenax TA sorbent tubes and subsequently analyzed by means of thermo-desorption-GC-MS in accordance to ISO 16000-6. Results are semi-quantitatively expressed as toluene equivalents. All specified individual components are reported from a concentration limit ≥ 1 µg/m <sup>3</sup> . Total VOC value is the sum of all components with a concentration ≥ 1 µg/m <sup>3</sup> and eluting within the retention time window from n-hexane (C6) to n-hexadecane (C16), both included. The sum of all detectable compounds classified as categories C1A or C1B according to Reg (EC) No 1272/2008 is the sum of all these substances with a concentration ≥ 1 µg/m <sup>3</sup> . In case the test results exceed the standard limits, substance specific quantification needs to be performed. Formaldehyde can be determined by collection of the sampled air onto DNPH cartridge and subsequent analysis by HPLC/UV in accordance to ISO 16000-5. Testing following the standard CEN/TS 16516 shall be considered as equivalent to those of the ISO 16000 series of standards.	
Toluene (108-88-3)	0.1		
Styrene (100-42-5)	0.005		
Each detectable compound classified as categories C1A or C1B according to the Regulation (EC) No 1272/2008	0.005		
Sum of all detectable compound classified as categories C1A or C1B according to Regulation (EC) No 1272/2008	0.04		
Aromatic hydrocarbons	0.5		
VOCs (total)	0.5		
<b>Signature of person bearing legal responsibility</b>			
<b>Position held</b>			
<b>Company Name in CAPITALS:</b>			
<b>Date:</b>			
<b>Company Stamp:</b>			

Declaration template for Criterion 7.2 (b) (source: EU Ecolabel User Manual for Furniture, page 104)

#### Declaration to be completed by the SUPPLIER

Declaration: 7.2(c) Blowing agents to be completed by the PUR foam supplier	
I the undersigned, hereby declare that no halogenated blowing agents (which explicitly include any CFCs, HCFCs and HFCs) have been used in the manufacture of the _____ (insert product name) PUR foam product supplied to _____ (insert name of applicant).	
<b>Signature of person bearing legal responsibility</b>	
<b>Position held</b>	
<b>Company Name in CAPITALS:</b>	
<b>Date:</b>	
<b>Company Stamp:</b>	

Declaration template for Criterion 7.2 (c) (source: EU Ecolabel User Manual for Furniture, page 105)



# ASSESSMENT CRITERIA

## 7. UPHOLSTERY PADDING MATERIALS

### 7.3. OTHER PADDING MATERIAL

The applicant shall provide:

- The nature of the padding/filling material used and any other blended materials.
- Confirm that the material lacks SVHCs or other hazardous substances with functional properties not specifically derogated in Table 2(Commission Decision (EU) 2016/1332 Page L210/109).
- Confirm that down or animal feathers have not been used in the filling/padding material, either alone or in blends.
- For rubberized coconut fibers, demonstrate compliance with criterion 7.1 for restricted substances and VOC emissions.

source: EU Ecolabel User Manual for Furniture, page 52

Declaration to be completed by the APPLICANT

Declaration: 7.3 Other padding materials to be completed by the Applicant	
<i>Only applicable if the padding material is not latex foam or PUR foam</i>	
I the undersigned, hereby declare that any "other" padding materials used (i.e. not latex foam and not PUR foam) in the _____ (please insert product name for product(s)) comply with the conditions below and attach copies of any relevant supporting declarations from suppliers:	
<ul style="list-style-type: none"><li>• the material does not contain any Substances of Very High Concern appearing on the ECHA Candidate List in concentrations greater than 0.1% (weight by weight).</li><li>• no biocidal products, flame retardants or plasticisers have been intentionally applied to the padding material that are classified as carcinogenic, mutagenic, toxic to reproduction (categories 1 or 2), toxic in aquatic environments (categories 1-4), acutely toxic (categories 1-3), specific target organ toxicity (categories 1 or 2), toxic by inhalation (category 1) or skin sensitising (category 1).*</li><li>• no down or animal feathers have been used in the filling/padding material.</li><li>• any coconut fibres rubberised using latex comply with criterion 7.1(a) and 7.1(b) set out in Commission Decision (EU) 2016/1332.</li></ul>	
<small>*some exceptions to this requirement may apply as described in entries a), b) and c) of Table 2 of criterion 2.2 of Commission Decision(EU) 2016/1332.</small>	
Signature of person bearing legal responsibility	
Position held	
Company Name in CAPITALS:	
Date:	
Company Stamp:	

Declaration template for Criterion 7.3 (source: EU Ecolabel User Manual for Furniture, page 105)

# ASSESSMENT CRITERIA

## 8. GLASS – USE OF HEAVY METALS

**i** This applies to any glass-material included in the final furniture product regardless of the weight fraction it presents.

Applicant must provide:

- Supplier declaration: No leaded glass in the final product. Glass is lead, mercury, and cadmium-free beyond 100 mg/kg. Mirror backing coatings contain less than 2000 mg/kg lead.
- Support the declaration with a relevant SDS or a statement from the coating formulation supplier affirming that the formulation contains less than 2000 mg/kg lead.

If no suitable metal content declaration for glass is available, the Competent Body may request X-Ray Fluorescence testing for these metals, following ASTM F2853-10 standard principles or equivalent.

source: EU Ecolabel User Manual for Furniture, page 53

**i** [ASTM F2853-10:  
https://www.astm.org/f2853-10r15.html](https://www.astm.org/f2853-10r15.html)

### Declaration to be completed by APPLICANT

Declaration: Criterion 8 – Glass – use of heavy metals to be completed by the Applicant	
<i>This criterion applies to any glass-material included in the final furniture product regardless of the weight fraction it presents</i>	
I the undersigned, hereby declare that	
<ul style="list-style-type: none"> <li>• no leaded glass is present in the final furniture product.</li> <li>• does not contain lead, mercury or cadmium impurities at levels exceeding 100 mg/kg (0,01% w/w).</li> <li>• all paint and varnish formulations used on any mirror backing contains less than 2000 mg/kg lead (0.2% w/w).*</li> </ul>	
*please provide the relevant SDS and declarations for the glass supplier to support this declaration.	
Signature of person bearing legal responsibility	
Position held	
Company Name in CAPITALS:	
Date:	
Company Stamp:	

Declaration template for Criterion 8 (source: EU Ecolabel User Manual for Furniture, page 106)

### Declaration to be completed by SUPPLIER of glass/mirror glass

Declaration: Criterion 8 – Glass – use of heavy metals to be completed by the Supplier of the glass / mirror glass	
<i>This criterion applies to any glass-material included in the final furniture product regardless of the weight fraction it presents.</i>	
As the supplier of glass/mirror glass to _____ (please insert the name of the applicant) I the undersigned, hereby declare that the glass is not leaded and does not contain lead, mercury or cadmium impurities >100mg/kg.	
In case of mirror glass, I declare that backing has been applied using the "tin process" and not the "copper process" and does not use any coating formulations with lead contents exceeding 2000mg/kg. I attach any relevant SDS of the coating formulations used to support this declaration.	
Signature of person bearing legal responsibility	
Position held	
Company Name in CAPITALS:	
Date:	
Company Stamp:	

Declaration template for Criterion 8 (source: EU Ecolabel User Manual for Furniture, page 106)



# ASSESSMENT CRITERIA

## 9. FINAL PRODUCT REQUIREMENTS

### 9.1. FITNESS FOR USE

Applicant must provide:

A declaration stating compliance with any relevant EN standards, supported by test reports from the furniture manufacturer or component part/material suppliers, as appropriate.

source: EU Ecolabel User Manual for Furniture, page 54

### 9.2. EXTENDED PRODUCT GUARANTEE

Applicant must provide:

A copy of the guarantee text, together with a declaration to the Competent Body that this guarantee applies to the specific product(s) to be licensed with the EU Ecolabel.

source: EU Ecolabel User Manual for Furniture, page 54

### Declaration to be completed by APPLICANT

Declaration: 9.1 Final product requirements: Fitness for use to be completed by the Applicant			
I the undersigned, hereby declare that the furniture is fit for use. Of the EN standards listed below, please find which (if any) have been identified as relevant to the product and which (if any) have been tested and found to meet fitness for use requirements specified in the standard(s). Where testing has taken place, I also attach copies of any relevant test reports. see Appendix IV of the Criteria Decision)			
Standard from Appendix IV of Commission Decision (EU) 2016/1332	Relevant	Tested	Results attached
EN 1021-1 (Upholstered furniture)			
EN 1021-2 (Upholstered furniture)			
EN 527-1 (Office furniture: work tables and desks)			
EN 527-2 (Office furniture: work tables and desks)			
EN 1023-2 (Office furniture – screens)			
EN 1335-1 (Office furniture – work chair)			
EN 1335-2 (Office furniture – work chair)			
EN 14073-2 (Office furniture – storage furniture)			
EN 14074 (Office furniture – tables, desks and storage furniture)			
EN 581-1 (Outdoor furniture – seating and tables)			
EN 581-2 (Outdoor furniture – seating and tables)			
EN 581-3 (Outdoor furniture – seating and tables)			
EN 1022 (Domestic seating)			
EN 12520 (Domestic seating)			
EN 12727 (Ranked seating)			
EN 13759 (Seating and sofa beds)			
EN 14703 (non-domestic seating linked together in a row)			
EN 16139 (non-domestic seating)			
EN 12521 (Domestic tables)			
EN 15372 (Non-domestic tables)			
EN 1116 (Kitchen furniture)			
EN 14749 (Kitchen storage units and worktops)			
EN 597-1 (Beds)			
EN 597-2 (Mattresses and upholstered bed bases)			
EN 716-1 (Children's cots and folding cots for domestic use)			
EN 747-1 (Bunk beds and high beds)			
EN 1725 (Domestic beds and mattresses)			
EN 1957 (Beds and mattresses)			
EN 12227 (Playpens for domestic use)			
EN 16121 (Non-domestic storage furniture)			
EN 1729-1 (Chairs and tables for educational institutions)			
EN 1729-2 (Chairs and tables for educational institutions)			
EN 13150 (Workbenches for laboratories)			
EN 14434 (Writing boards for educational institutions)			
Other EN standards (optional, please specify)			
Other EN standards (optional, please specify)			
Signature of person bearing legal responsibility			

Declaration: 9.1 Final product requirements: Fitness for use to be completed by the Applicant	
Position held	
Company Name in CAPITALS:	
Date:	
Company Stamp:	

Declaration template for Criterion 9.1 (source: EU Ecolabel User Manual for Furniture, page 107,108)

### Declaration to be completed by APPLICANT

Declaration: 9.2 Extended product guarantee to be completed by the Applicant	
I the undersigned, hereby declare that the following product(s)	
_____	
_____	
(insert name of licensed product(s)) are covered by a minimum ___ (insert number of years, at least 5) year guarantee and attach a copy of the relevant legal text to be included in consumer information.	
Signature of person bearing legal responsibility	
Position held	
Company Name in CAPITALS:	
Date:	
Company Stamp:	

Declaration template for Criterion 9.2 (source: EU Ecolabel User Manual for Furniture, page 108)

# ASSESSMENT CRITERIA

## 9. FINAL PRODUCT REQUIREMENTS

### 9.3. PROVISION OF SPARE PARTS

Applicant must provide:

A copy of the text to be provided to customers in consumer information, together with a declaration to the Competent Body that this text applies to the specific product(s) to be licensed with the EU Ecolabel.

*source: EU Ecolabel User Manual for Furniture, page 55*

### 9.4. DESIGN FOR DISASSEMBLY

Applicant must provide:

Provide technical drawings demonstrating assembly/disassembly using basic tools and unskilled labor. Include features like zip fastenings, velcro for detaching cushions and padding. Ensure screw fittings into wood-based panels can be re-inserted at different points if necessary.

*source: EU Ecolabel User Manual for Furniture, page 55*

#### Declaration to be completed by APPLICANT

Declaration: 9.3 Provision of spare parts	
<i>to be completed by the Applicant</i>	
<i>I the undersigned, hereby declare that spare parts for the furniture product will be available for a period of at least 5 years from the date of purchase of the product. The parts shall be available without charge during the guarantee period if the goods are found to be faulty during normal use or at a proportionate cost if the goods were damaged by misuse. I attach a copy of the legal text to be provided to consumers.</i>	
<b>Signature of person bearing legal responsibility</b>	
<b>Position held</b>	
<b>Company Name in CAPITALS:</b>	
<b>Date:</b>	
<b>Company Stamp:</b>	

*Declaration template for Criterion 9.3 (source: EU Ecolabel User Manual for Furniture, page 109)*

#### Declaration to be completed by APPLICANT

Declaration: 9.4 Design for disassembly	
<i>to be completed by the Applicant</i>	
<i>I the undersigned, hereby declare that the furniture product can be assembled and disassembled using basic tools and unskilled labour. I attached technical drawings that clearly illustrate the assembly and disassembly operations and the associated component parts and tools required.</i>	
<b>Signature of person bearing legal responsibility</b>	
<b>Position held</b>	
<b>Company Name in CAPITALS:</b>	
<b>Date:</b>	
<b>Company Stamp:</b>	

*Declaration template for Criterion 9.4 (source: EU Ecolabel User Manual for Furniture, page 109)*

# ASSESSMENT CRITERIA

## 9. FINAL PRODUCT REQUIREMENTS

### 9.5. VOC EMISSIONS

**i** This applies only if your furniture contains any of the following:

- Upholstery leather or upholstery coated fabrics
- Wooden or metal components that do not comply with criterion 3.2(c) or criterion 5.3 respectively

Applicant must provide:

- Declare if criterion 9.5 should apply to the product for licensing consideration. If applicable, compliance may be demonstrated through testing of the final assembled product or relevant component parts/materials.
- Include results in the declaration's relevant table and provide copies of supporting test reports. Reports can be from work commissioned by the applicant or by part/material suppliers.

Test data up to 12 months before the Ecolabel application is valid, provided no changes to the manufacturing process or chemical formulations, increasing VOC emissions, have occurred for the final product or relevant components.

source: EU Ecolabel User Manual for Furniture, page 56

Declaration to be completed by the APPLICANT or SUPPLIER

**Declaration: 9.5 VOC emissions**  
to be completed by the Applicant or component part/material suppliers  
Applicable for furniture with leather or coated fabric upholstery or >5% by weight of components (excluding packaging) that do not comply with criterion 3.2(c) or criterion 5.3 for wood-based or metal based components respectively.

I the undersigned, hereby declare that the following furniture product / component part/material **(please delete as appropriate and insert name of product/part/material tested)** complies with criterion 9.5 according to reasons A, B or C below **(please indicate which and delete the other parts)**:

A: VOC testing is not required because no leather or coated fabric upholstery is used and that any coated wooden or metal components comply with criterion 3.2(c) or criterion 5.3 respectively.

B: The assembled furniture product has been tested for VOC emissions, in accordance with ISO 16000 or equivalent methodology and relevant test parameters defined below.  
Results for testing of entire furniture product:

Test Parameter	Armchairs and sofas	Office chairs	Other			
Chamber volume	In the range of 2-10 m <sup>3</sup>					
Loading rate	Product should occupy approx. 25% of chamber volume		*0.5-1.5 m <sup>3</sup> /m <sup>3</sup>			
Ventilation rate	4.0 m <sup>3</sup> /h	2.0 m <sup>3</sup> /h	*0.5-1.5 h <sup>-1</sup>			
Substance / test time	3d	28d	3d	28d	28d	
Formaldehyde	Limit	n/a	60 µg/m <sup>3</sup>	n/a	60 µg/m <sup>3</sup>	60 µg/m <sup>3</sup>
	Result					
TVOC	Limit	≤ 3000 µg/m <sup>3</sup>	≤ 400 µg/m <sup>3</sup>	n/a	≤ 450 µg/m <sup>3</sup>	≤ 450 µg/m <sup>3</sup>
	Result					
TSVOC	Limit	n/a	≤ 100 µg/m <sup>3</sup>	n/a	≤ 80 µg/m <sup>3</sup>	≤ 80 µg/m <sup>3</sup>
	Result					
C-substances**	Limit	≤ 10 µg/m <sup>3</sup> (sum total)	≤ 1 µg/m <sup>3</sup> (per substance)	≤ 10 µg/m <sup>3</sup> (sum total)	≤ 1 µg/m <sup>3</sup> (per substance)	≤ 1 µg/m <sup>3</sup> (per substance)
	Result					
R-value***	Limit	n/a	≤ 1	n/a	≤ 1	≤ 1
	Result					

\* Although there is scope to vary the loading rate and ventilation rate for other furniture items, the ratio between the loading rate (m<sup>3</sup>/m<sup>3</sup>) and the ventilation rate (h<sup>-1</sup>) shall be maintained at 1.0.  
\*\* Formaldehyde is excluded from consideration within cumulative carcinogenic VOC emission calculations and instead has its own individual limit.  
\*\*\* R value = total of all quotients (C / LCI) < 1 (where C = substance concentration in the chamber air, LCI = LCI value of the substance as defined by the latest data defined under the European Collaborative Action 'Urban air, indoor environment and human exposure').

C: Representative samples of leather upholstery, coated fabric upholstery and/or coated wooden and/or metal components used in the furniture product have been tested for VOC emissions, in accordance with ISO 16000 or equivalent methodology and relevant test parameters defined below.  
Results for testing of relevant component parts/materials:

Test Parameter	Coated components	Leather or coated fabric upholstery			
Chamber volume	≥ 200 L for wood-based components, ≥ 20L for other components	≥ 20 L			
Ventilation rate	0.5 h <sup>-1</sup>	1.5 m <sup>3</sup> /m <sup>2</sup> .h			
Substance / test time	3d	28d	3d	28d	
Formaldehyde	Limit	n/a	60 µg/m <sup>3</sup>	n/a	60 µg/m <sup>3</sup>
	Result				
TVOC	Limit	≤ 3000 µg/m <sup>3</sup>	≤ 400 µg/m <sup>3</sup>	n/a	≤ 450 µg/m <sup>3</sup>
	Result				
TSVOC	Limit	n/a	≤ 100 µg/m <sup>3</sup>	n/a	≤ 80 µg/m <sup>3</sup>
	Result				
C-substances*	Limit	≤ 10 µg/m <sup>3</sup> (sum total)	≤ 1 µg/m <sup>3</sup> (per substance)	≤ 10 µg/m <sup>3</sup> (sum total)	≤ 1 µg/m <sup>3</sup> (per substance)
	Result				
R-value**	Limit	n/a	≤ 1	n/a	≤ 1
	Result				

\* Formaldehyde is excluded from consideration within cumulative carcinogenic VOC emission calculations and instead has its own individual limit.  
\*\* R value = total of all quotients (C / LCI) < 1 (where C = substance concentration in the chamber air, LCI = LCI value of the substance as defined by the latest data defined under the European Collaborative Action 'Urban air, indoor environment and human exposure').

**Signature of person bearing legal responsibility**

**Position held**

**Company Name in CAPITALS:**

**Date:**

**Company Stamp:**

Declaration template for Criterion 9.5 (source: EU Ecolabel User Manual for Furniture, page 110,111)

# ASSESSMENT CRITERIA

## 10. CONSUMER INFORMATION

Applicant must provide:

- Declare if criterion 9.5 should apply to the product for licensing consideration. If applicable, compliance may be demonstrated through testing of the final assembled product or relevant component parts/materials.
- Include results in the declaration's relevant table and provide copies of supporting test reports. Reports can be from work commissioned by the applicant or by part/material suppliers.

Test data up to 12 months before the Ecolabel application is valid, provided no changes to the manufacturing process or chemical formulations, increasing VOC emissions, have occurred for the final product or relevant components.

source: EU Ecolabel User Manual for Furniture, page 56

Declaration to be completed by APPLICANT

Declaration: Criterion 10 – Consumer Information to be completed by the Applicant	
<p>I the undersigned, hereby declare that the consumer information to be provided with the _____ (please insert name of product(s)) contains relevant information pertaining to the following points:</p> <ul style="list-style-type: none"> <li>• A product description.</li> <li>• Information about the polymer types of any plastic components &gt;100g that were not marked in line with the requirements of criterion 4.1.</li> <li>• A clear statement regarding the conditions under which the furniture product should be used. For example indoors, outdoors, in certain temperature ranges, load bearing capacities and how to correctly clean the product.</li> <li>• Information regarding the type of glass used, any safety information, its suitability for contact with hard materials such as glass, metal or stone and information regarding the correct disposal of the glass, for example its compatibility or non-compatibility with post-consumer container glass.</li> <li>• A declaration of compliance with relevant fire safety regulations in the country of sale for upholstered furniture, which flame retardants have been used (if any) and in what materials (if any).</li> <li>• A declaration of the non-use of biocides in order to provide a final disinfective effect in any furniture that is clearly marketed for indoor use and with outdoor furniture, a declaration of which biocides have been used (if any) and in what materials (if any).</li> <li>• A statement of compliance with any relevant EN standards as referred to in criterion 10.1.</li> <li>• Easily understood assembly and disassembly instructions as per the requirements of criterion 10.2.</li> <li>• Relevant information regarding the terms and conditions of the product guarantee, which shall meet the minimum requirements laid out by Directive 1999/44/EC and any further requirements according to national legislation in the country of sale</li> <li>• Relevant contact information regarding provision of spare parts as per the requirements of criterion 10.2.</li> </ul>	
<b>Signature of person bearing legal responsibility</b>	
<b>Position held</b>	
<b>Company Name in CAPITALS:</b>	
<b>Date:</b>	
<b>Company Stamp:</b>	

Declaration template for Criterion 10 (source: EU Ecolabel User Manual for Furniture, page 112)



# ASSESSMENT CRITERIA

## 11. INFORMATION APPEARING ON THE EU ECOLABEL



[Guidelines for use of the Ecolabel logo:  
https://eu-ecolabel.de/en/for-companies/the-eu-ecolabel-logo](https://eu-ecolabel.de/en/for-companies/the-eu-ecolabel-logo)

Applicant must provide:

An example of the (up to three) statements from the list provided that they wish to use on the products to be licensed with the EU Ecolabel for Competent Body approval.

source: EU Ecolabel User Manual for Furniture, page 57,58

### Declaration to be completed by APPLICANT

Declaration: Criterion 11 – Information appearing on the EU Ecolabel to be completed by the Applicant	
I the undersigned, hereby declare that the statements to appear with the EU Ecolabel for the _____ (please insert name of product(s)) shall be as follows:	
1:	_____
2:	_____
3:	_____
Respecting the list of permitted comments provided in criterion 11 of Commission Decision (EU) 2016/1332.	
<b>Signature of person bearing legal responsibility</b>	_____
<b>Position held</b>	_____
<b>Company Name in CAPITALS:</b>	_____
<b>Date:</b>	_____
<b>Company Stamp:</b>	_____

Declaration template for Criterion 11 (source: EU Ecolabel User Manual for Furniture, page 113)

# APPLICANT'S CHECKLIST

Applicant's Checklist		
This checklist summarises the documentation to be provided for each criterion. This checklist must be completed by the applicant.		
	Mark when done	
	Included	Does not apply
<b>Documents to be submitted to the Competent Body:</b> Part C Application form (mandatory)		n/a
<b>Criterion 1: Product description</b>		
<b>Documents to be submitted to the Competent Body:</b> Technical drawings (mandatory)		n/a
Bill of materials for product (mandatory)		n/a
<b>Criterion 2: General hazardous substance requirements</b>		
<b>Documents to be submitted to the Competent Body:</b> 2.1 SVHC declarations (mandatory)		n/a
2.2(a) Applicant declaration for CLP restrictions (mandatory)		n/a
2.2(b) Supplier declaration for solid wood/wood-based panels		
2.2(b) Supplier declaration for plastics		
2.2(b) Supplier declaration for metals		
2.2(b) Supplier declaration for textiles, leather and coated fabric upholstery		
2.2(b) Supplier declaration for upholstery padding material		
<b>Criterion 3: Wood and wood-based materials</b>		
<b>3.1 Sustainable wood</b>		
<b>Documents to be submitted to the Competent Body:</b> Summary of wood and wood-based materials used in product		
Relevant chain of custody (CoC) certificates and details of CoC account.		
<b>3.2(a) Contaminants in recycled wood</b>		
<b>Documents to be submitted to the Competent Body:</b> Declaration from the applicant		
Supporting declarations from panel supplier and test reports, if relevant		
<b>3.2(b) Heavy metals in paints &amp; varnishes and 3.2(c) VOC content in paints and varnishes</b>		
<b>Documents to be submitted to the Competent Body:</b> Declaration from the applicant		
Safety data sheets and, if relevant, supporting declarations from suppliers		
Safety data sheets / supporting declarations from suppliers and, if relevant, calculations for VOC quantities		
<b>3.3 Formaldehyde emissions</b>		
<b>Documents to be submitted to the Competent Body:</b> Declaration from the applicant		
Supporting declarations from panel suppliers and test reports where relevant		
<b>Criterion 4: Plastic parts</b>		
<b>4.1 Marking of plastic parts</b>		
<b>Documents to be submitted to the Competent Body:</b> Declaration from the applicant with a list of parts >100g		
Where relevant, supporting declarations or SDSs from suppliers or test reports		
<b>4.2 Heavy metals in plastic additives</b>		
<b>Documents to be submitted to the Competent Body:</b> Declaration from the applicant		
Supporting declarations and/or SDSs from suppliers or test reports		
<b>4.3 Recycled content</b>		
<b>Documents to be submitted to the Competent Body:</b> Declaration and calculations from the applicant		
Supporting declarations from suppliers and traceability of recycle deliveries		
<b>Criterion 5: Metals</b>		
<b>5.1 Electroplating restrictions</b>		
<b>Documents to be submitted to the Competent Body:</b> Declaration from the applicant		
Supporting declarations from suppliers plus test reports in the case of nickel		
<b>5.2 Heavy metals in paints &amp; varnishes used in metal components and 5.3 VOC content</b>		
<b>Documents to be submitted to the Competent Body:</b> Declaration from the applicant		
Safety data sheets and, if relevant, supporting declarations from suppliers		
Safety data sheets / supporting declarations from suppliers and, if relevant, calculations for VOC quantities		
<b>Criterion 6: Upholstery covering materials</b>		
<b>6.1 Physical quality requirements</b>		
<b>Documents to be submitted to the Competent Body:</b> Declaration from the applicant		
Supporting declarations from leather / textile fabric / coated fabric suppliers plus copies of relevant test reports or EU Ecolabel certificate for textiles, if applicable.		
<b>6.2 Chemical testing requirements</b>		
<b>Documents to be submitted to the Competent Body:</b> Declaration from the applicant		
Supporting declarations from leather / textile fabric / coated fabric suppliers plus copies of relevant test reports or EU Ecolabel certificate for textiles, if applicable.		
<b>6.3 Restrictions during production processes</b>		
<b>Documents to be submitted to the Competent Body:</b> Declaration from the applicant		
Supporting declaration(s) from supplier(s) about detergents, surfactants, softeners and complexing agents used during dyeing and finishing, with SDS or test reports.		
Supporting declaration(s) from supplier(s) about the non-use of restricted auxiliaries and solvents during processing of leather/textile fabric/coated fabric.		
Supporting declaration(s) from supplier(s) about the non-use of halogenated carriers, chrome mordant dyes or pigments based on Cd, Pb, Cr(VI), Hg, As or Sb during dyeing and printing processes.		

Supporting declaration(s) from supplier(s) about the non-use of fluorinated compounds to impart a water, dirt and/or stain repellence function, together with SDS of any non-fluorinated alternatives used and test reports if necessary.		
Supporting declaration(s) from leather supplier(s) about average levels of COD and total Chromium in tannery effluent and specific water consumption.		
<b>6.4 Cotton and other natural cellulosic seed fibres</b>		
<b>Documents to be submitted to the Competent Body:</b> Declaration(s) from supplier(s) about minimum organic cotton or IPM content together with supporting evidence.	Included	Does not apply
Or alternatively, copy of the EU Ecolabel certificate for cotton-based textile fabrics.		
<b>Criterion 7: Upholstery padding materials</b>		
<b>7.1(a) Latex foam – restricted substances</b>		
<b>Documents to be submitted to the Competent Body:</b> Declaration from the applicant with summary of results		
Supporting declaration(s) from supplier(s) with copies of test reports		
<b>7.1(b) Latex foam – 24 hour VOC emissions</b>		
<b>Documents to be submitted to the Competent Body:</b> Declaration from the applicant with summary of results		
Supporting declaration(s) from supplier(s) with copies of test reports		
<b>7.2(a) PUR foam – restricted substances and mixtures</b>		
<b>Documents to be submitted to the Competent Body:</b> Declaration from the applicant with summary of results		
Supporting declaration(s) from supplier(s) with copies of test reports		
<b>7.2(b) PUR foam – 72 hour VOC emissions</b>		
<b>Documents to be submitted to the Competent Body:</b> Declaration from the applicant with summary of results		
Supporting declaration(s) from supplier(s) with copies of test reports		
<b>7.2(c) Blowing agents</b>		
<b>Documents to be submitted to the Competent Body:</b> Declaration from the applicant		
Supporting declaration(s) from supplier(s) about the non-use of halogenated blowing agents		
<b>7.3 Other padding materials</b>		
<b>Documents to be submitted to the Competent Body:</b> Declaration from the applicant		
Supporting declaration(s) from supplier(s)		
<b>Criterion 8: Glass: use of heavy metals</b>		
<b>Documents to be submitted to the Competent Body:</b> Declaration from the applicant		
Supporting declaration(s) from supplier(s) or copies of test reports in the absence of a suitable supporting declaration.		
In the case of mirror glass, SDS for coating formulations to be provided by supplier		
<b>Criterion 9: Final product requirements</b>		
<b>9.1 Fitness for use</b>		
<b>Documents to be submitted to the Competent Body:</b> Declaration from the applicant about relevance of criterion 9.1 (mandatory)		
Copies of any relevant test reports according to relevant EN standards		n/a
<b>9.2 Extended product guarantee</b>		
<b>Documents to be submitted to the Competent Body:</b> Declaration from the applicant together with copy of guarantee text (mandatory)		
<b>9.3 Provision of spare parts</b>		
<b>Documents to be submitted to the Competent Body:</b> Declaration from the applicant committing to spare part availability (mandatory)		
<b>9.4 Design for disassembly</b>		
<b>Documents to be submitted to the Competent Body:</b> Declaration from the applicant (mandatory)		
Technical drawings for assembly and disassembly operations (mandatory)		n/a
<b>9.5 VOC emissions</b>		
<b>Documents to be submitted to the Competent Body:</b> Declaration from the applicant stating relevance of criterion 9.5 (mandatory)		
Supporting test reports from suppliers or from test commissioned by the applicant		n/a
<b>Criterion 10: Consumer information</b>		
<b>Documents to be submitted to the Competent Body:</b> Copy of consumer information to be provided with product, highlighting parts which meet the minimum requirements specified in criterion 10. (mandatory)		

Applicant's checklist (source: EU Ecolabel User Manual for Furniture, page 114-117)



# DESIGN SPRINTS: DESIGN YOUR AVATAR BUSINESS FOR THE EU ECOLABEL



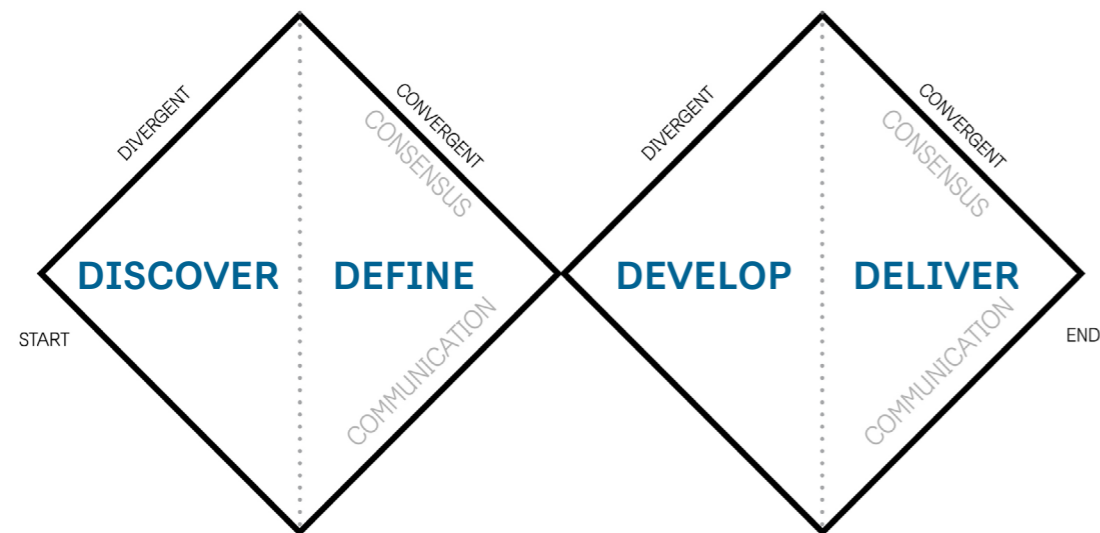
Snippets from the Design Sprint at the Royal Danish Academy in Copenhagen.

In November 2023 two design sprints were carried out under the title: 'Design your Avatar Business for EU Ecolabel'. One was in person in Copenhagen and the second was held online. Participants were from the Danish Furniture Industry, ranging from SMEs, furniture design studios, independent designers and manufacturers. The purpose of introducing the format of the sprint in the Guidelines, is to present the learnings, as they may be relevant for kickstarting the certification process. Additionally, this format can serve as both an internal and external workshop tool. A detailed presentation of this format is available in Appendix A, designed to be conveniently printable for reference and implementation purposes.

## STRUCTURE OF THE SPRINT

- The participants were put in teams of 4-5 members with master's students from Strategic Design & Entrepreneurship in the mix.
- The 'Double Diamond' model acted as the framework for facilitating design thinking, to enable innovation and business development.
- The teams were presented with a case study for the sprint, a conceptual chair named 'EcoSit Lounge chair' (Feel free to insert your choice of furniture instead).
- The chair had been designed and intended to be labelled with the EU Ecolabel. The participants were provided with the product description for furniture.
- The task was to design a business around the EcoSit lounge chair.

# DESIGN SPRINTS: DESIGN YOUR AVATAR BUSINESS FOR THE EU ECOLABEL



The Double Diamond model, from the British Design Council

## DISCOVER PHASE

- The teams had to choose from one of the three business models (as shown above).
- They also had to decide whether their business would be B2C or B2B.
- Based on their choices in the above two points, the teams had to explore the business model through the 'Business Design framework' and map the requirements of operating such a business with the 'EcoSit Lounge' chair.

## DEFINE PHASE

- The teams had to answer the defined questions on the template, that made sense for their 'Avatar Business'.
- The aim was for them to define essential elements from the 'Business Design Framework' that made them close the loops/become circular.
- They should furthermore describe the why behind the chosen elements.

**1. The Classic Long Life Model**

- High quality product.
- Long lifespan.
- Sales as classic source of income
- Reputation, 'Good value for money, it's not cheap but it never fails'.

**2. The Leasing/Renting Model**

- Ownership remains with the access provider.
- Making money by providing access to a product.
- Product as a service.
- There is a time limit.

**3. The Upgrade Model**

- Profits from repeat sales of upgrades.
- Relatively cheap products.
- Relatively shorter lifespan.
- Function together with a dedicated high-quality durable product.

The Business Models the participants had to choose from

## EcoSit Lounge Chair Specification Sheet



### Materials:

**Frame:**  
Mild steel pipe framework  
Surface Treatment: Low VOC, water-based paint in blue color  
Finish: Durable powder coating for long-lasting use  
End-of-Life: Framework designed for easy disassembly and recycling

**Cushions:**  
Polyurethane (PUR) foam cushion (Testing done for heavy metals (method B), plasticisers (method C), TDA and MDA (method D) and Tinorganic substances (method E). All compliant with CertiPUR Eco standard)  
Cushion Colors: Yellow (Natural dyes, OEKO-TEX® certified)

**Chair leg buffer caps:**  
Synthetic silicone rubber, Prussian blue colour.

### Usage:

- Suitable for home use

### Care Instructions:

- Wipe metal frame with a damp cloth for cleaning
- Cushion covers are removable and machine washable using eco-friendly detergent

### Assembly:

- Minimal assembly required
- Instructions and hardware included

### Packaging:

- Recycled cardboard packaging
- Flat-pack
- Assemble and dis-assemble

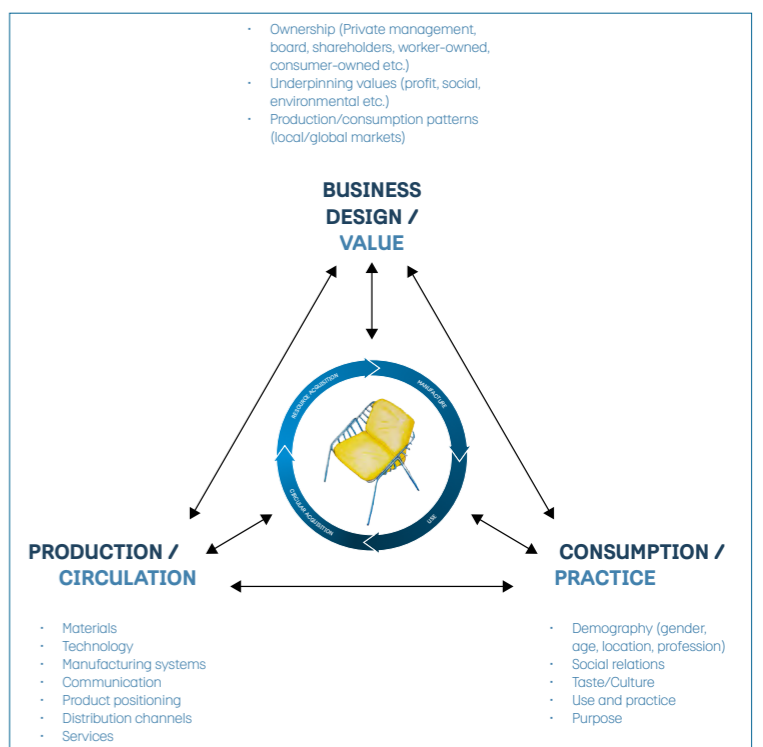
### Warranty:

10 years warranty from the date of purchase.

**\*\*Note:\*\*** This specification sheet highlights the EcoChic Lounge Chair's compliance with EU Ecolabel requirements, emphasizing sustainable materials, responsible manufacturing, and minimal environmental impact. For more information, refer to the product manual or contact our customer service.



The specification sheet of the case study for the Design Sprints



The Business Design Framework for the DISCOVER phase

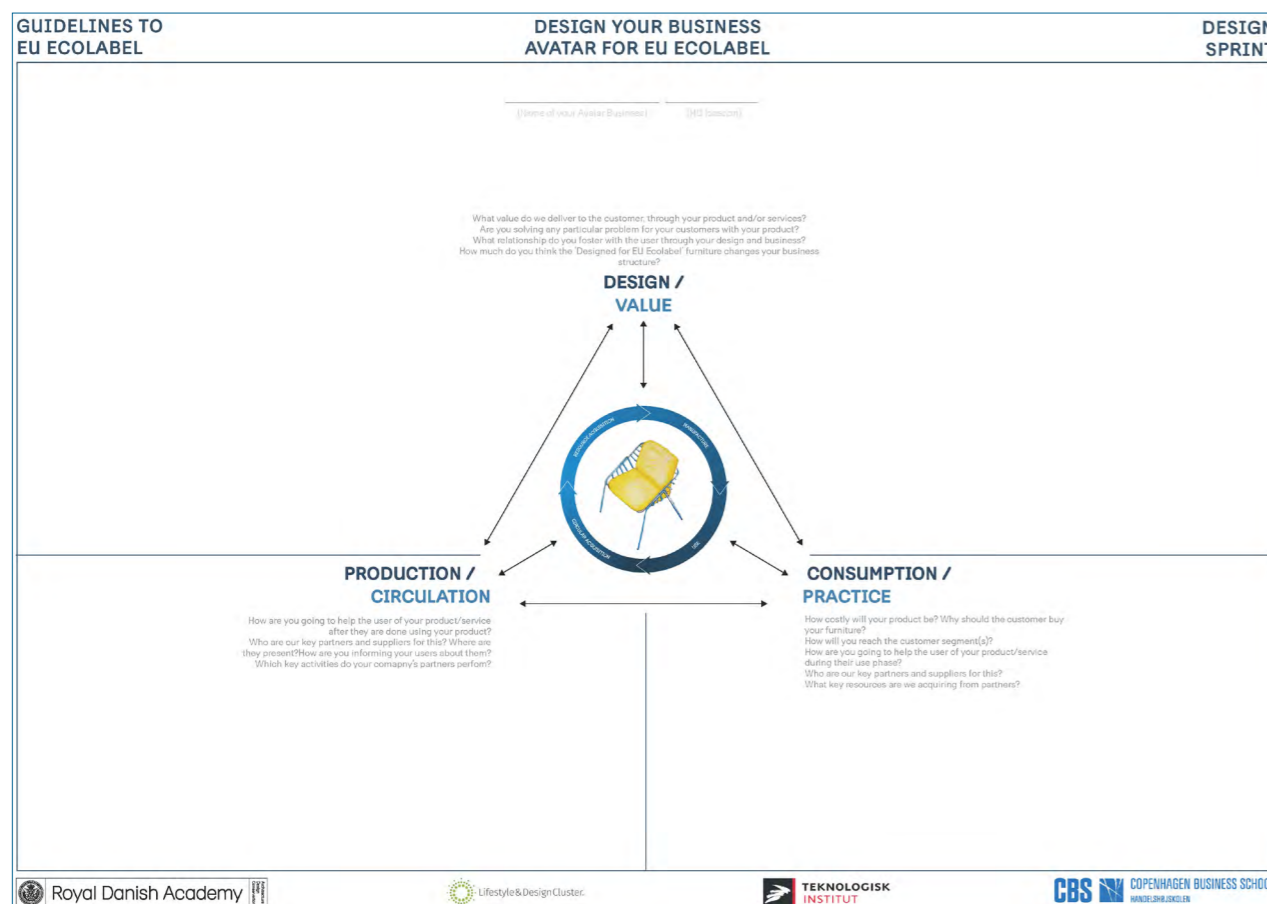
# DESIGN SPRINTS: DESIGN YOUR AVATAR BUSINESS FOR THE EU ECOLABEL

## DEVELOP PHASE

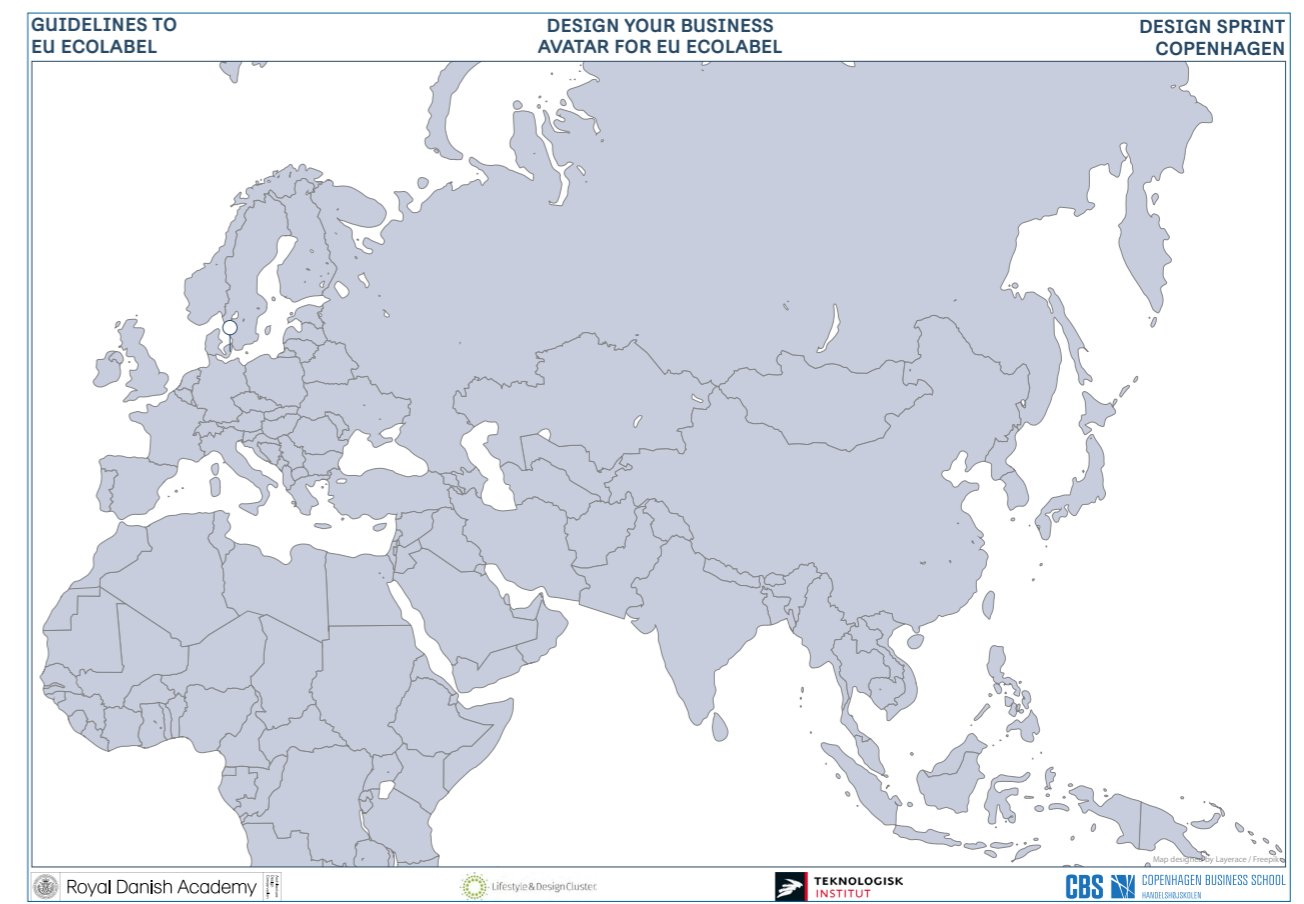
- The teams were asked to map out: what would your avatar business structure and life cycle look like on a map?
- The teams were asked to map out: what would your avatar business structure and life cycle look like on a map?
- They had to follow the color code:
  - **Blue:** Headquarters
  - **Yellow:** Production facilities
  - **Orange:** User location
  - **Green:** Circular Acquisition hub (shop, collection center etc.)
  - **Purple:** Other facilities?
- Reflective question: Would it change something in the way your Avatar business is structured? Feel free to go back and change something in your business model.

## DELIVER PHASE

- The teams were asked to consolidate and prepare a 5-minute pitch, presenting their Avatar Business using the models.
- Reflective question: If you were to change some of the materials of the chair, what modifications would be necessary in the Ecolabel Spec sheet and in the Avatar Business?



The worksheet template with questions for participants to answer, to help them consolidate their Avatar Business better



The worksheet template with questions for participants to answer, to help them consolidate their Avatar Business better

# LEARNINGS FROM THE DESIGN SPRINTS

## BUSINESS MODEL SELECTION

- The UPGRADE business model, where profits are generated from a repeated sale of upgrades, was the most opted business model. A common application of the model is to have components that are long-lasting and durable, along with components that can easily be changed and upgraded, such as cushions and covers. The UPGRADE model can be a smart way of dealing with designs for certifications, as conditions and standards of certifications change at regular intervals (usually every 5-10 years). Parts and components of designs can be updated accordingly, making it easier to keep up with trends, and stay relevant to the users, resulting in both a long customer relationship as well as a long-lasting product. A takeback system can furthermore enhance this transaction. Therefore, the business model can facilitate more than just selling a product – participants particularly emphasized its significance in offering not only a product, but a package of products and services, quite effectively bolstering the EU Ecolabel's potential.
- Pooling certified materials, designers and manufacturers who know how to work with EU Ecolabel can be a way to minimize hassle if companies come together and use these pools.

## PRODUCTION/MARKET SELECTION

- Collaborating with established companies or brands can be a strategic move to tap into different markets, customers and geographies. A differentiating parameter where suggestions on the Avatar Business being the provider of the EU Ecolabel expertise, that could lead to a competitive advantage in the market. An example where that the Avatar Business would create a certified chair, which would be sold at other retailers, like IKEA, reducing their limits to adopt a certification, and increasing the collaborative benefits in terms of exposure for both parties.

- Getting documentation of production from Asian countries can be more challenging than getting them from European or East European countries. Solutions can range from shifting production to Europe/Eastern-Europe or collaborating with companies with a strong presence in those Asian countries.
- Poland was a popular choice for participants to choose as a material supplier and production center, because of their high standards and low costs. The country has skilled labor, a well-established furniture industry, and a competitive cost structure, making it an attractive option for many companies seeking quality production at a reasonable cost.

## CUSTOMER SEGMENTATION

- Business to Business seemed to be preferable to Business to Consumer markets. This could be due to higher prospects of high volumes sales in B2B and sustainment of longer customer relationships with the possibility of return of sales. Furthermore, participants emphasized that the B2B market can enable targeting a larger number of consumers with high quality products and reduce the obstacles of implementing a take-back system, if preferred, to create a circular business model.
- Targeting markets that have a more general awareness of certifications can be a strategic move to get healthy returns on EU Ecolabel certified products.



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