EU Ecolabel for ELECTRONIC DISPLAYS

Webinar

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Webinar Agenda

- *Introduction (10 min)*
- *Presentation of new EU Ecolabel for Electronic Displays + Q/A session (50 min)*
- *Practical information on application process + Q/A session (10 min)*
- *Closure (5 min)*

European Commission

What is the EU Ecolabel?

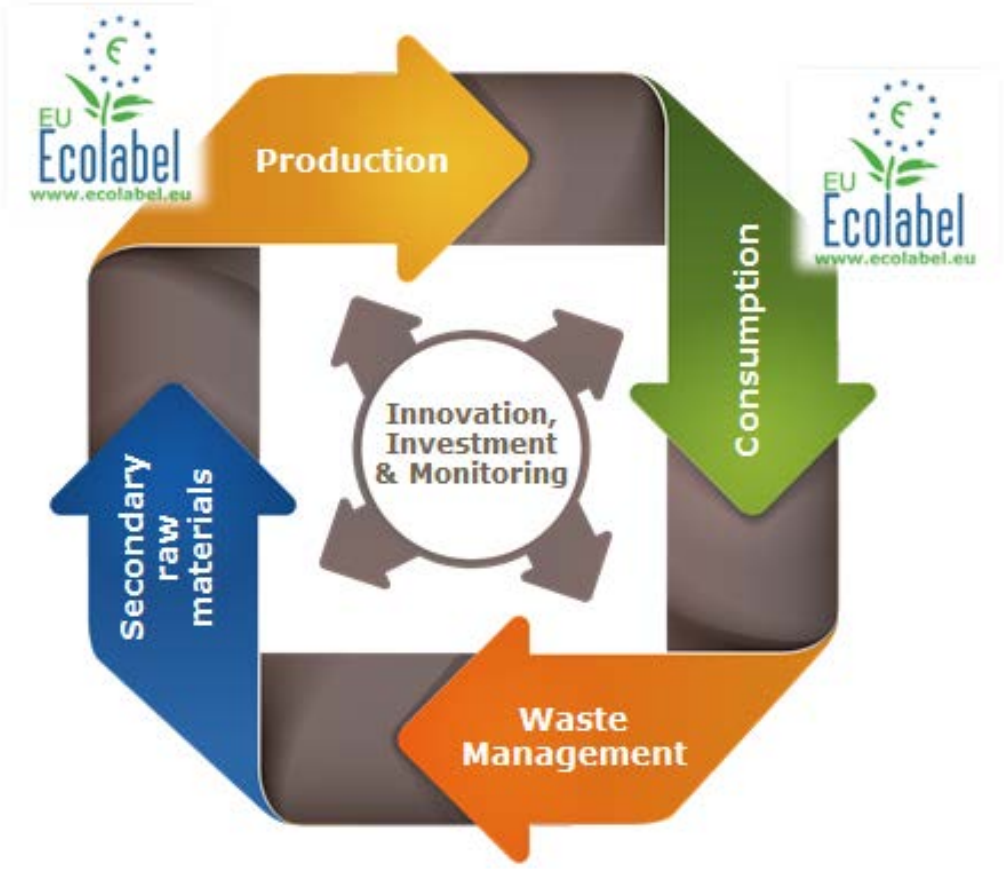
- The **official E**uropean **U**nion **label for environmental excellence**
- Established in **1992** (EU Ecolabel Regulation n. 66/2010)
- Managed by the **European Commission** and Member States **Competent Bodies**
- A **voluntary** scheme (**ISO 14024-type I** -ecolabel) for companies aiming to promote products and services with a **lower environmental impact**
- An effective tool to **empower consumers' and procurers**' sustainable choices

European Commission

EU Ecolabel: powerful tool …

- Supports the implementation of:
  - the **EU Green Deal**
  - the **new Circular Economy Action Plan**
  - the **new Consumer Agenda**

- Represents the **opportunity for a sustainable recovery** in the circular economy context



…connecting citizens and market actors to overall political objectives

The EU Ecolabel

- **Scope:** applies to **goods and services,** (for which criteria have been established), supplied **for distribution, consumption or use** on the **EU market**
- **Excluded from scope:** medicinal products for human/veterinary use, any type of medical device. Currently food and feed
- **Potential applicants: producers, manufacturers, importer, service providers, wholesalers or retailers**
- **Awarding bodies:** National **Competent Bodies** designated by MS
- **Strengths: Transparent**, multi-stakeholder criteria development
  Reliable, third party verification system

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24 Eligible Product Groups

- Rinse-off Cosmetic Products
- Absorbent Hygiene Products
- Hard Surface Cleaning Products
- Detergents for Dishwashers
- Industrial and Institutional Automatic Dishwasher Detergents
- Hand Dishwashing Detergents
- Laundry Detergents
- Industrial and Institutional Laundry Detergents
- Textiles
- Footwear
- Paints and Varnishes
- Tissue paper and tissue products
- Electronic Displays
- Wood-, cork- and bamboo-based floor coverings
- Hard Coverings
- Furniture
- Bed Mattresses
- Growing Media, Soil Improvers and Mulch
- Lubricants
- Printed Paper, Stationery Paper, Paper Carrier Bag Products
- Graphic paper
- Indoor Cleaning Services
- Tourist Accommodation

www.ecolabel.eu

Retail financial products (under development)

ECAT:
Catalogue of awarded products
http://ec.europa.eu/ecat/

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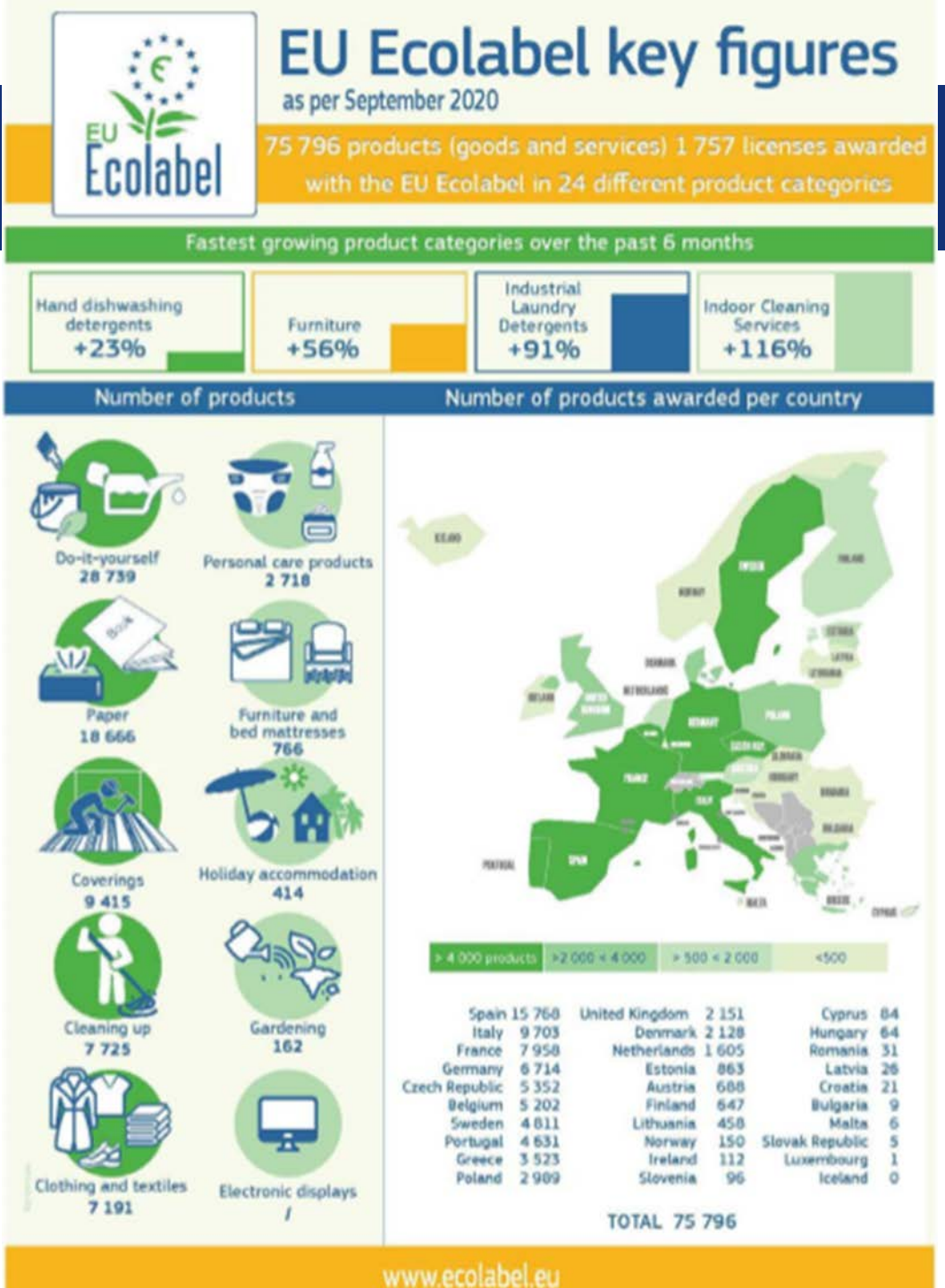

September 2020 EU Ecolabel figures

- **The number of EU Ecolabel goods and services kept growing despite the COVID-19 crisis (+21% licences and +7% products in respect to March 2020)**
- **1 757 licenses** are awarded for **75 796 products**
- Highest n. products for: indoor **paints** and varnishes, tissue **paper** and tissue products, hard **coverings**, **textiles**, hard surface **cleaning products** and **tourist accomodations.**
- Leading countries: **Spain, Italy, France**
- More info available at: https://ec.europa.eu/environment/ecolabel/facts-and-figures.html

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The EU Ecolabel criteria

- Address **10-20%** env. best products on the market
- Cover the **main environmental impacts** of the product and their technical performance
- Determined on **scientific basis** considering the whole life cycle of products
- Include **health, safety, social and ethical aspects**, where appropriate
- Favor substitution of **hazardous substances** with safer ones
- Support **durability, reusability, recyclability and recycled content** of products
- Guarantee compliance with **existing EU legislation**
- Include **fitness for use** requirements
- Are **regularly revised** to follow technological evolution
- Adopted as **Commission Decisions**

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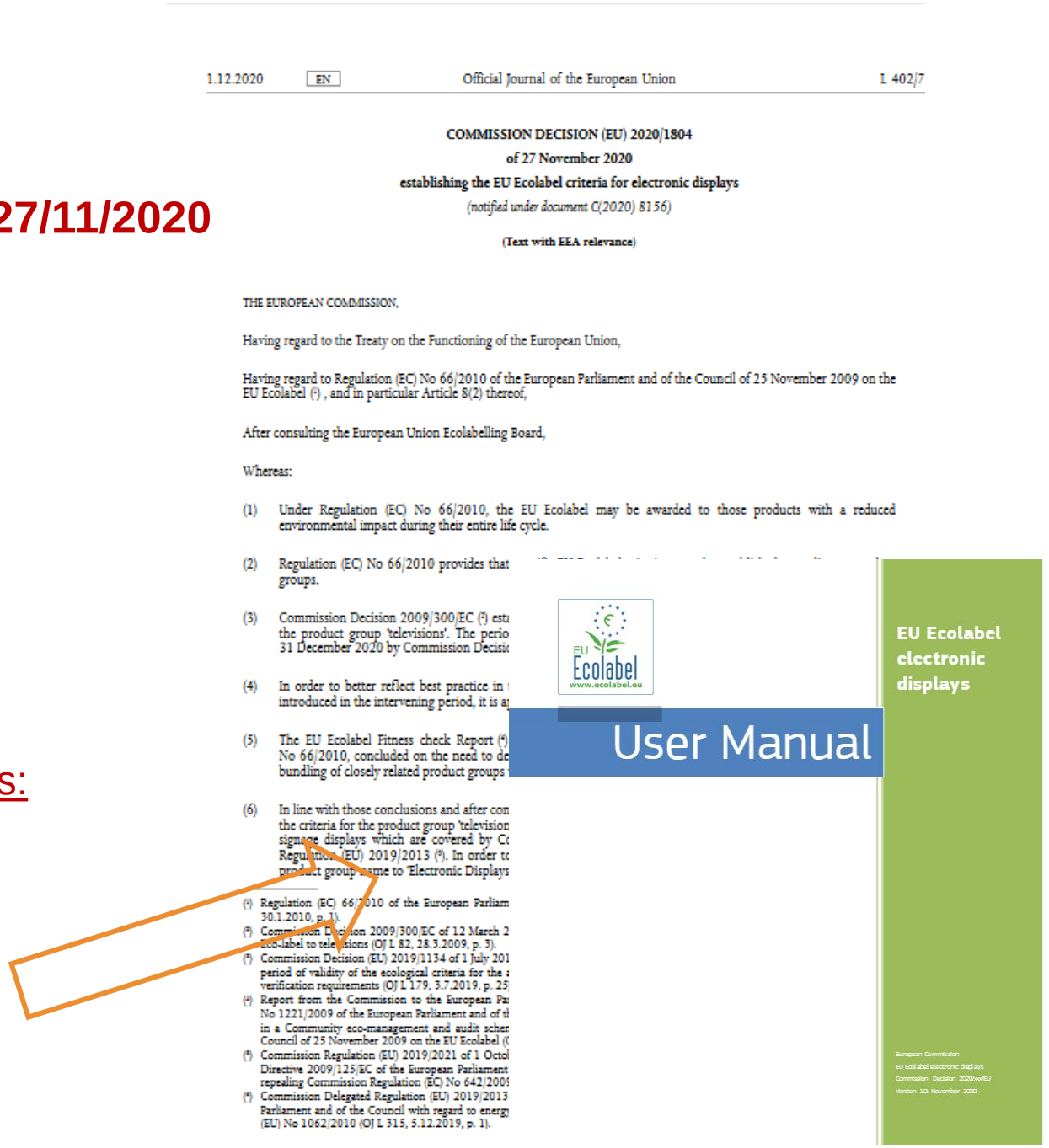
INTRODUCTION

Commission Decision (EU) 2020/1804 of 27/11/2020 establishing EU ECOLABEL FOR ELECTRONIC DISPLAYS

- **Previously TELEVISIONS (2009/300/EC)**
- **Criteria revision** process 2013-2020
- **New EU Ecodesign** and **EU Energy Labelling** Regulations

✓**Validity until 31 Dec 2028**
✓Transition period for the current licenses 12 months: 26/11/2021
(old criteria applicable until 26/01/2021)

USER MANUAL- applicants guidance (available on www.ecolabel.eu)


1.12.2020 EN Official Journal of the European Union L 402/7

COMMISSION DECISION (EU) 2020/1804
of 27 November 2020
establishing the EU Ecolabel criteria for electronic displays
(notified under document C(2020) 8156)
(Text with EEA relevance)

THE EUROPEAN COMMISSION,

Having regard to the Treaty on the Functioning of the European Union,

Having regard to Regulation (EC) No 66/2010 of the European Parliament and of the Council of 25 November 2009 on the EU Ecolabel (1), and in particular Article 8(2) thereof,

After consulting the European Union Ecolabelling Board,

Whereas:

(1) Under Regulation (EC) No 66/2010, the EU Ecolabel may be awarded to those products with a reduced environmental impact during their entire life cycle.

(2) Regulation (EC) No 66/2010 provides that groups.

(3) Commission Decision 2009/300/EC (2) est the product group 'televisions'. The perio 31 December 2020 by Commission Decisi

(4) In order to better reflect best practice in introduced in the intervening period, it is a

(5) The EU Ecolabel Fitness check Report (3) No 66/2010, concluded on the need to de bundling of closely related product groups

(6) In line with those conclusions and after con the criteria for the product group 'television signage displays which are covered by Co Regulation (EU) 2019/2013 (4). In order to product group name to 'Electronic Displays

(1) Regulation (EC) 66/2010 of the European Parliam 30.1.2010, p. 1).
(2) Commission Decision 2009/300/EC of 12 March 2 eco-label to televisions (OJ L 82, 28.3.2009, p. 3).
(3) Commission Decision (EU) 2019/1134 of 1 July 201 period of validity of the ecological criteria for the verification requirements (OJ L 179, 3.7.2019, p. 25
(4) Report from the Commission to the European Pa No 1221/2009 of the European Parliament and of t in a Community eco-management and audit schem Council of 25 November 2009 on the EU Ecolabel (
(5) Commission Regulation (EU) 2019/2021 of 1 Octo Directive 2009/125/EC of the European Parliament repealing Commission Regulation (EC) No 642/200
(6) Commission Delegated Regulation (EU) 2019/2013 Parliament and of the Council with regard to energy (EU) No 1062/2010 (OJ L 315, 5.12.2019, p. 1).

EU Ecolabel
www.ecolabel.eu

User Manual

EU Ecolabel electronic displays

European Commission
EU Ecolabel electronic displays
Commission Decision 2020/xx/EU
Version 1.0 November 2020

Presentation of new EU Ecolabel

Commission Decision 2020/1804

Scope (article 1):

- Televisions
- Monitors
- Digital signage displays.

→ target the best electronic displays on the market.

→ main environmental impacts throughout the lifecycle.

- energy efficiency
- Reparability
- are easy to dismantle for recycling and recycled content
- restricted substances
- Social aspects

Presentation of new EU Ecolabel

Commission Decision 2020/1804

Criteria

- **1. Energy consumption**
  - 1.1. Energy savings
  - 1.2.Power management
- **2.Restricted substances**
  - 2.1.Excluded or limited substances
  - 2.2.Activities to reduce supply chain fluorinated greenhouse gas (GHG) emissions
- **3. Reparability and commercial guarantee**
- **4. End-of-life management**
  - 4.1.Material selection and information to improve recyclability
  - 4.2.Design for dismantling and recycling
- **5. Corporate social responsibility**
  - 5.1.Labour conditions during manufacture
  - 5.2.Sourcing of ‘conflict-free minerals’
- **6.Information criteria**
  - 6.1.User information
  - 6.2.Information appearing on the Ecolabel

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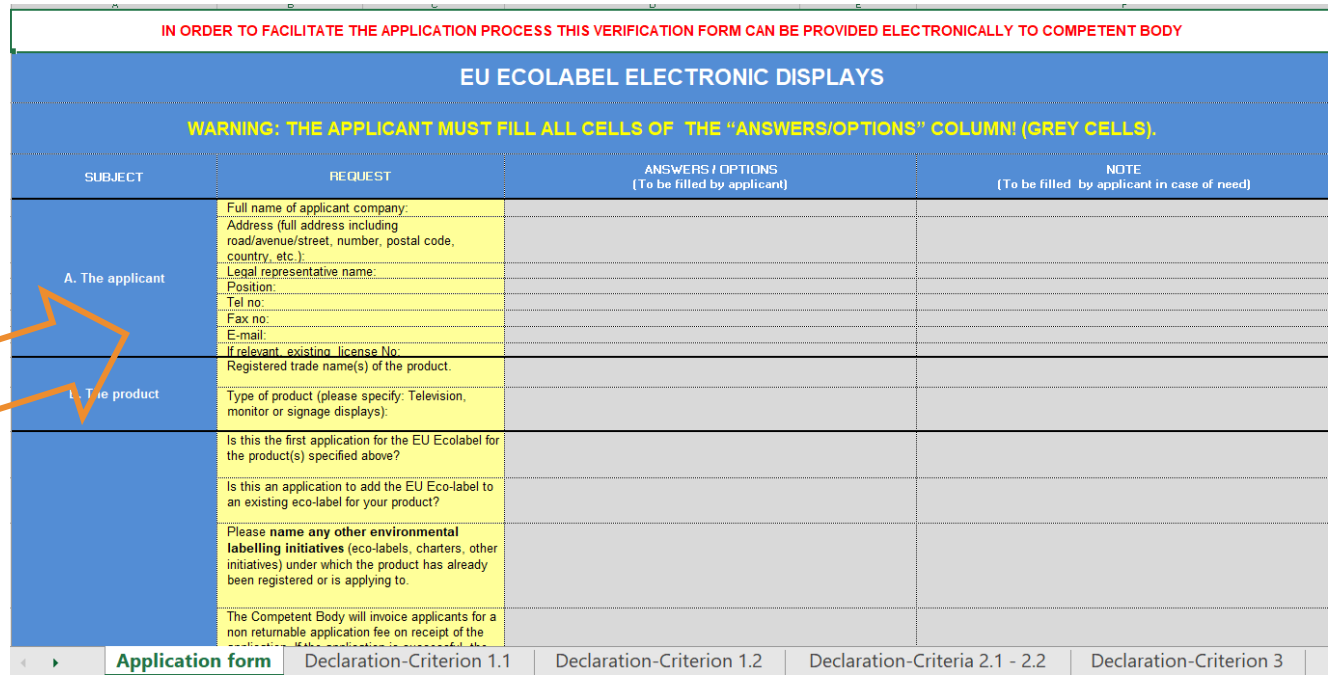
Presentation of new EU Ecolabel

Commission Decision 2020/1804
PREAMBLE: A&V – key aspects

- The specific assessment and verification requirements are **indicated within each criterion.**
- Declarations, documentation, analyses, test reports→ from the **applicant and/or supplier(s).**
- **Equivalent test methods** → competent body accepts their **equivalence.**
- Supporting evidence or site inspections.
- Changes in suppliers and production sites → shall be notified to Competent Bodies.
- **Prerequisite:** *the electronic display shall meet all applicable legal requirements of the country or countries in which the product is placed on the market.*

Presentation of new EU Ecolabel User Manual

- **User manual:** Part A and B: General Information and description of requirements for the product.
- Part C and D: **Application and Verification Form** – Separated Excel file that should **be completed by an applicant.** It includes the declarations from the applicant for each requirement.
- **Annex I**. Declarations from **suppliers** – when applicable, proof of compliance with the requirement.
- **Part E**: Checklist



IN ORDER TO FACILITATE THE APPLICATION PROCESS THIS VERIFICATION FORM CAN BE PROVIDED ELECTRONICALLY TO COMPETENT BODY

EU ECOLABEL ELECTRONIC DISPLAYS

WARNING: THE APPLICANT MUST FILL ALL CELLS OF THE "ANSWERS/OPTIONS" COLUMN! (GREY CELLS).

SUBJECT	REQUEST	ANSWERS / OPTIONS (To be filled by applicant)	NOTE (To be filled by applicant in case of need)
A. The applicant	Full name of applicant company:		
	Address (full address including road/avenue/street, number, postal code, country, etc.):		
	Legal representative name:		
	Position:		
	Tel no:		
	Fax no:		
	E-mail:		
	If relevant, existing license No:		
B. The product	Registered trade name(s) of the product.		
	Type of product (please specify: Television, monitor or signage displays):		
	Is this the first application for the EU Ecolabel for the product(s) specified above?		
	Is this an application to add the EU Eco-label to an existing eco-label for your product?		
	Please **name any other environmental labelling initiatives** (eco-labels, charters, other initiatives) under which the product has already been registered or is applying to.		
	The Competent Body will invoice applicants for a non returnable application fee on receipt of the		

Application form | Declaration-Criterion 1.1 | Declaration-Criterion 1.2 | Declaration-Criteria 2.1 - 2.2 | Declaration-Criterion 3

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Criteria on Energy Consumption

1.1 – Energy savings (a) Energy class:

Until 31 March of 2021: (i) **E** (F for UHD resolutions and above) for televisions; (ii) **D** (F for UHD resolutions and above) for monitors; (iii) **F** for digital signage displays.

After 31 March of 2021: One of the top 2 energy classes which have registered models* under EPREL database → for a specific resolution and type of display → compliance at least every 2 years throughout the validity period of its license.

- **Declaration** in the verification form (sheet declaration criterion 1.1.).
- **Test report** → Energy efficiency class (measurement methods indicated in Annex IV to Delegated Regulation (EU) 2019/2013.)
- After March 2021: **evidence of the top classes on EPREL database** (with available models for the resolution and type of display model to be awarded).

ⓘ **Identification of top 2 energy classes in EPREL database**: The top 2 energy classes must sum at least 25 registered models to be considered for a specific resolution and type of display (televisions, monitor or signage displays). In the case that 25 registered models minimum is not reached for a certain resolution and type of display, the top 2 energy classes which have registered models (independently on number of registered models) apply for this specific resolution and type of display.

Practical examples:

For a specific model (considered the type of Display and its resolution) we have following registered models:

	A	B	C	D	E
Example 1	-	2	30	150	300
Example 2	-	1	15	100	450
Example 3 (when the minimum is not reached)	-	1	8	9	15

The eligible classes are marked in red.

Presentation of new EU Ecolabel
Criteria on Energy Consumption

1.1 – Energy savings (b) on mode power demand :

On mode power demand in normal configuration **≤ 64 W** (125W for digital signage displays, for UHD resolutions and above).

- **Test report** (measurement methods and conditions of Annex III to Regulation (EU) 2019/2021.)

1.2. Power management:

(a) **Manual Brightness Control**: allow the user to manually adjust the backlight intensity;

(b) **Automatic Brightness Control (ABC):** → requirements to qualify for a 10 % reduction in Pmeasured in Annex II of the Regulation (EU) 2019/2021;

(c) **Quick start functionality:** automatically switch back to standby or off mode as a default setting 2 hours after the last user activity at the latest.

- **Declaration** in the verification form (sheet Declaration-Criterion 1.2).
- **Only if ABC available**: **Test report** (Regulation (EU) 2019/2021)
- **Only if Fast start functionality available**: **product documentation**

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Criteria on Restricted substances

2.1. Excluded or limited substances:

(a) Restriction of Substances of Very High Concern (SVHCs)

Restricted use in final products and defined articles to a maximum of 0,1%.

Final product: Electronic Display
Printed Circuit Boards (Printed Wiring Boards, populated motherboards, power boards (power supply units) and module boards)>10 cm^2
Electrical wiring/cables (aggregated)
External cables (Power cable (AC and DC power cords), modem cable and LAN cable if applicable, HDMI cable and RCA cable)
External housing (Back cover, front cover (bezel decoration) and stands)
External housing of remote control
LED backlights (LED arrays)

- **Declaration** from applicant in the verification form (sheet: Declaration-Criterion 2.1).
- **Annex I: Compiled declarations** from suppliers of the non-presence of SVHCs above 0,10% (weight by weight) for the product and the sub-assemblies (latest version of the Candidate List)
- ⓘ Declarations can also be provided directly to competent bodies by any **supplier in the applicant's supply chain.**

Annex I: Declarations from suppliers on Criterion 2: Restricted substances.

Printed Circuit Boards

Includes: Printed Wiring Boards, populated motherboards, power boards (power supply units) and module boards

Declaration for:
2.1.(a) Restriction of SVHCs
2.1.(b) Restrictions on the presence of specific substances
2.1(c) — Restrictions on substances classified under Regulation (EC) No 1272/2008
to be completed by each Printed Circuit Board supplier

*I, the undersigned, hereby declare that _____ (**please insert name of product**),*

a). does not contain SVHCs[1] in concentrations above 0.10 % (weight by weight).(only for PCBs >10 cm2)
*b). does not contain cadmium in metal solder and contacts in concentrations at or above 0.10 % (weight by weight). (**Please provide a valid test result using the IEC 62321-3-1 test method**).*

Flame retardants used in the PCBs at or above a concentration limit of 0,10% (weight by weight)
*c) As the supplier of the Printed circuit board (s) to _____ (**please insert the name of the applicant**), I, the undersigned, hereby declare that,*
we use the following flame retardants:
-
_____
_____ (**please insert names**)

Presentation of new EU Ecolabel

Criteria on Restricted substances

2.1. Excluded or limited substances:

(b) Restrictions on the presence of specific substances

- Polymer stabilisers, colourants and contaminants (organotin, azodyes, Polycyclic Aromatic Hydrocarbons (PAHs) …)
- Biocidal products
- Glass fining agents (Arsenic compounds)
- Chlorine-based plastics
- DINP and DIDP in external power cables
- …

- **Declaration** from applicant in the verification form (sheet: Declaration-Criterion 2.1).
- **Annex I: Compiled declarations** from suppliers.
- **Supporting test** reports provided by suppliers where specified in Annex I.

Substance group	**Scope of restriction** (substances and sub-assemblies/component parts)	**Concentration limits (where applicable)**
i) Metal solder and contacts	Exemption 8b in accordance with Directive 2011/65/EU of the European Parliament and of the Council relating to the use of *cadmium in electrical contacts* shall not be permitted.	0,01% w/w *Test method:* IEC 62321-5
ii) Polymer stabilisers, colourants and contaminants	The following organotin stabiliser compounds classified with Group 1 and 2 hazards shall not be present in *external cables*: Dibutyltin oxide Dibutyltin diacetate Dibutyltin dilaurate Dibutyltin maleate Dioctyl tin oxide Dioctyl tin dilaurate	n/a

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Criteria on Restricted substances

2.1. Excluded or limited substances:

(c) Restrictions based on CLP hazards

Focus on plasticizers and FR on the specific **targeted components**.

Group 1 hazards
Hazards that identify a substance or mixture as being within Group 1:
Substances that appear on the Candidate List for Substances of Very High Concern (SVHCs) Carcinogenic, Mutagenic and/or Toxic for Reproduction (CMR) Category 1A or 1B CMR: H340, H350, H350i, H360, H360F, H360D, H360FD, H360Fd, H360Df
Group 2 hazards
Hazards that identify a substance or mixture as being within Group 2:
- Category 2 CMR: H341, H351, H361f, H361d, H361fd , H362 - Category 1 aquatic toxicity: H400, H410 - Category 1 and 2 acute toxicity: H300, H310, H330 - Category 1 aspiration toxicity: H304 - Category 1 Specific Target Organ Toxicity (STOT): H370, H372
Group 3 hazards
Hazards that identify a substance or mixture as being within Group 3:
- Category 2, 3 and 4 aquatic toxicity: H411, H412, H413 - Category 3 acute toxicity: H301, H311, H331, EUH070 - Category 2 STOT: H371, H373

Parts containing flame retardants

- Printed Circuit Boards
- External cables
- External housing of the display

Parts containing plasticisers

- External cables
- Internal electrical wiring
- External housing of the display

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Criteria on Restricted substances

2.1. Excluded or limited substances:

(c) Restrictions based on CLP hazards

Substance /mixture type	Applicability	Derogated hazard class, category and hazard statement code and derogation conditions
Flame retardants	Printed Circuit Boards	Flame retardants classified with Group 3 hazards and TBBPA (classified with Group 2) are derogated for use.
	External cables	Flame retardant and its synergist classified with Group 3 hazard and Antimony trioxide (Sb_2O_3) classified with Group 2 hazards are derogated for use.
	External housing of the display	Flame retardants and their synergists classified with Group 2 and 3 hazards are derogated for use.
Plasticisers	External cables, internal electrical wiring and external housing of the display	Plasticisers classified with Group 3 hazards are derogated for use.

- **Declaration** from applicant in the verification form (sheet: Declaration criteria 2.1.)
- **Annex I for the different components.**
- ***SDS* supporting hazard classification or non-classification.**

(i) The substance's CAS, EC or list number;
(ii) The physical form and state in which the substance is used;
(iii) Harmonised CLP hazard classifications;
(iv) Self-classification entries in ECHA's REACH registered substance database .

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Criteria on Restricted substances

2.2. Activities to reduce supply chain fluorinated greenhouse gas (GHG) emissions

The applicant shall **gather the following information** from their display suppliers → their activities to reduce GHG emissions from the production process:

(a) F-GHGs are used and which are being reduced;
(b) Annual F-GHG emissions intensity (in kg CO2eq/m² of displays produced)
(c) (DREs) of installed abatement systems for each of the F-GHGs used.

- **Applicant: Declaration** included in the **verification form** (sheet: Declarations criteria -2.2)
- **Annex I:** Declaration on LCD Display supplier
- **Supporting documentation** e.g. technical dossiers of abatement systems installed by suppliers, most recent annual reports on F-GHG emissions.

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Criteria 3. Reparability and commercial guarantee

- **Design for repair**:
  - (i) accessible and exchangeable by the use of commercially available tools (i.e. all tools except proprietary tools): -screen assembly and LED backlight; stands, and power and control circuit boards.
  - (ii) adhesives which need to be removed with heat/chemicals shall not be used to fix the back cover of the electronic display;
  - (iii) casing parts are free of electronic assemblies which cannot be removed with use of commercially available tools.
- **Repair manual**: clear disassembly and repair instructions publicly available at no additional cost;
- **Repair Service / Information**: in the user instructions/manufacturer's website → where to go to obtain professional repairs and servicing.
- **Availability of spare parts**: → for at least **8 years**
- **Commercial guarantee**: minimum of a 3 year commercial guarantee at no additional cost.

- '**commercially available tools** (i.e. all tools except proprietary tools, e.g. screwdriver, spatula, pliers, or tweezers)
- '**proprietary tools**' are tools that are not available for purchase by the general public or for which any applicable patents are not available to license under fair, reasonable, and non-discriminatory terms;
- '**spare parts**' are all components or assemblies that can potentially fail and/or that are expected to need replacement within the service life of the product. Other parts which have a lifetime usually exceeding the typical life span of the product are not spare parts;

Declaration form applicant in the **verification form**

supporting evidence:

(a) An exploded diagram;
(b) A copy of the commercial guarantee;
(c) A copy of the repair manual;
(d) A copy of the user instructions;
(e) list of authorised dealers of spare parts.

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Criteria on End-of-life management

4.1 – Material selection and information to improve recyclability

a) <u>Recyclability of plastics</u>:

(i) Parts with a weight greater than 25 grams shall consist of a single polymer or a polymer blend or alloy that are **recyclable;**

(ii) Paints and coatings shall not significantly impact upon the resilience of plastic*

(iii) Plastic enclosures shall not contain moulded-in or glue-on metal (unless can be removed with commercially available tools.)

(iv) Casings, enclosures and bezels incorporating flame retardants shall be **recyclable**.

*significant impact is defined as a >25% reduction in the notched izod impact of a recycled resin as measured using ISO 180.

b) <u>Information to facilitate recycling</u>:

b.1. Plastic parts greater than 25 grams → **marked** in accordance with ISO 11469 and ISO 1043. (Exemptions)

b.2. professional waste operators (website and free of charge) **information for dismantling and recovery.**

diagram of the product →location of the plastic components containing FR; →location of components containing the toxic or ecotoxic substances.

c) **<u>Recycled content</u>: 10% post-consumer recycled plastic**, (percentage of total plastic in the product excluding PWB). → greater than 25% → declaration in the text box accompanying the Ecolabel.

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Criteria on End-of-life management

4.1 – Material selection and information to improve recyclability

- ‘recyclability’ means an ability of a product to be recycled at its end-of-life, based on current practices;;

- ‘The Notched Izod Impact test is a single point test that measures a materials resistance to impact from a swinging pendulum. Izod impact is defined as the kinetic energy needed to initiate fracture and continue the fracture until the specimen is broken. The test specimen used in the Notched Izod Impact test are notched to prevent deformation of the specimen upon impact.

https://www.iso.org/standard/26802.html

ISO 11469 and ISO 1043, sections 1 and 4.

https://www.iso.org/standard/27946.html
https://www.iso.org/standard/50590.html

Marking exemptions included in the UM

- **Declaration** in the **verification form** (sheet: Declaration criteria 4.1)
- **Recyclability**: by providing evidence that the plastics either individually or combined do not impact the technical properties of the resulting recycled plastics in such a way that they cannot be used again in electronic products. This could include:
  - A declaration from an experienced plastics recycler or permitted treatment operator in accordance with Article 23 of Directive 2008/98/EC of the European Parliament and of the Council ;
  - Test results from an independent laboratory or an experienced plastics recycler;
  - Peer and industry reviewed technical literature applicable to EU.
- Presence of paints and coatings (criterion (a) ii): **Test report: ISO 180 (or equivalent)**.
- **Exploded diagram** of the electronic display in written or audio-visual format. → marking
- **Website** where information for waste operators is located.
- Post-consumer **recycled content**. Certificate of recyclers pursuant to the EuCertPlast certification scheme or equivalent could be used to support verification.

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Presentation of new EU Ecolabel

Criteria on End-of-life management

4.2 – Design for dismantling and recycling

For the following target parts, a **manual dismantling** shall be carried out by **one person** using widely used **commercially available tools**

- Printed Wiring Boards >10 cm^2
- Thin Film Transistor (TFT) unit >100 cm2 and film conductors
- Polymethyl Methacrylate (PMMA) board light guide

At least ***one*** of the following **optional components** :

- LED backlight units, Speaker unit magnets (for display sizes greater than or equal to 25 inches), HDD drive (if applicable in the case of smart devices).

Declaration in the **verification form** (sheet: Declaration criteria 4.2)

Report detailing the dismantling sequence, (dismantling steps, tools and procedures, for the components listed in (a) and the optional component(s) selected from (b).

Additional evidence in the form of a video could also be provided to show compliance.

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Criteria on Corporate social responsibility

5.1 – Labour conditions during manufacture

Third party verification/site audits - **final assembly plant(s)**

Fundamental conventions of the ILO:

- **Child Labour Forced and Compulsory Labour**
- **Freedom of Association and Right to Collective Bargaining**
- **Discrimination**

Supplementary provisions:

- **Working Hours**: ILO Hours of Work (Industry) Convention.
- **Remuneration**: (ILO Minimum Wage Fixing Convention/ Living wage: → reference to SA8000 guidance on "Remuneration".
- **Health & Safety: (ILO Safety in the use of chemicals at work Convention/ILO Occupational Safety and Health Convention)**

- **Audit process** shall include consultation with external industry independent organisation stakeholders in local areas around sites.

- **Publish results and key findings from the audits**

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Presentation of new EU Ecolabel

Criteria on Corporate social responsibility

5.1 – Labour conditions during manufacture

- International Labour Organisation's (ILO) Tripartite Declaration of Principles concerning Multinational Enterprises and Social Policy, the UN Global Compact (Pillar 2),
- UN Guiding Principles on Business and Human Rights
- OECD Guidelines for Multi-National Enterprises,

⚠ *Third party site audits shall be carried out by:*

- ***auditors qualified to assess the compliance*** *of the industry manufacturing sites with social standards or codes of conduct or,*
- *in countries where ILO Labour Inspection Convention, 1947 (No 81) has been ratified and the scope of the inspection system covers the areas listed above , by* ***labour inspector(s) appointed by a public authority****.*

⚠ *Valid* ***certifications from third party schemes or inspection processes*** *that, together or in part, audit compliance with the applicable principles,* ***shall be accepted****. These certifications shall be not more than 12 months old.*

⚠ *Certifications from third party schemes that* ***covers partially*** *the criteria could be used to demonstrate the compliance of specific requirement/aspect(s) of this criteria. \accompanied of documentation that clearly indicates the aspect(s) covered*

Declaration in the **verification form** (sheet: Declaration Criteria 5.1)

Copy of the most recent version of their **code of conduct** which must be consistent with the provisions specified above.

Audit reports for each final product assembly plant for the model(s) to be ecolabelled,

- *The audit reports must show: i) findings in detail including the nature and level of evidence for the findings; ii) the name of the auditing organization; iii) the names of the two stakeholders—industry-independent organisations from the local areas around the plant site—who have been consulted; iv) a list of the issues that have been discussed with the stakeholders.*

web link to where online publication of the results and findings can be found.

UM → Suggests additional verification documents

European Commission

Presentation of new EU Ecolabel

Criteria on Reparability and commercial guarantee

5.2 Use of 'conflict-free minerals' during production

Support the **responsible sourcing** of tin, tantalum, tungsten and their ores and gold from conflict-affected and high-risk areas by:

- conducting due **diligence in line with the OECD Due Diligence Guidance**
- **promoting responsible mineral production and trade** within conflict-affected and high-risk areas for the identified minerals used in components.

Declaration in the **verification form** (sheet: Declaration Criteria 5.2)

Report describing company due diligence activities **(covering all details/steps defined by the Guidance**). Supporting documents such as certifications of conformity issued by the European Union's scheme shall also be accepted.

Identification of component(s) which contain the identified minerals, and their supplier(s), as well as the **supply chain system or project used for responsible sourcing**. The suppliers of components should be distinguished from the supplier of minerals and both should be provided.

OECD Due Diligence Guidance for Responsible Supply Chains of Minerals from Conflict-Affected and High-Risk Areas,

The 5-step due diligence process of the Guidance

1. Establish strong company management systems.
2. Identify and assess risks in the supply chain.
3. Design and implement a strategy to respond to identified risks.
4. Carry out independent third-party audit of supply chain due diligence at identified points in the supply chain.
5. Report on supply chain due diligence.

Presentation of new EU Ecolabel

Criteria on Information

6.1. User instructions

Relevant user information that provides advice on its proper environmental use. As a minimum (when applicable):

- Energy consumption/indications on how to reduce power consumption.
- Information on how to deactivate networking functions
- The position of the hard off-switch.
- Indications on how to prolong the lifetime of the product.
- End-of-life instructions for the proper disposal/take-back schemes.

6.2. Information on the EU Ecolabel

(a) high energy efficiency;
(b) restriction of hazardous substances;
(c) designed to be easy to repair and recycle;
(d) contains xy% post-consumer recycled plastic (only when greater than 25% as a percentage of the total plastic).

'Guidelines for use of the Ecolabel logo':
http://ec.europa.eu/environment/ecolabel/documents/logo_guidelines.pdf

- **Declaration** in the **verification form** (sheet: Declaration Criteria 6.1-6.2)
- **A link** to the online-version or a copy of the user instructions / repair manual
- **High resolution image/artwork of the product packaging** that clearly shows the label, the registration/licence number and, where relevant, the statements that can be displayed together with the label.

Question/answers

European Commission

The EU Ecolabel-Benefits for applicants

- Contributes to **improve the image of the company**: recognizes efforts to make sustainable products/services
- Contributes to **resource and monetary savings** (eg. in raw materials, water and energy consumption, reducing waste production, improving CO2 footprint etc)
- Contributes to the **growth of the company** and **job creation**
- Certifies that the product/service is **among the most environmentally-friendly in its class**
- Increases the **visibility of the product** on the market (the **EU Ecolabel logo** is recognised throughout Europe by millions of EU consumers)
- Featuring of the products and company on the **EU Ecolabel official catalogue** (http://ec.europa.eu/ecat/)
- Benefits from **marketing activities**, also undertaken by the EC and the national Competent Bodies (eg. collaboration with online retailers).
- Easier access to **GPP** (Green Public Procurement).

EU Ecolabel
www.ecolabel.eu

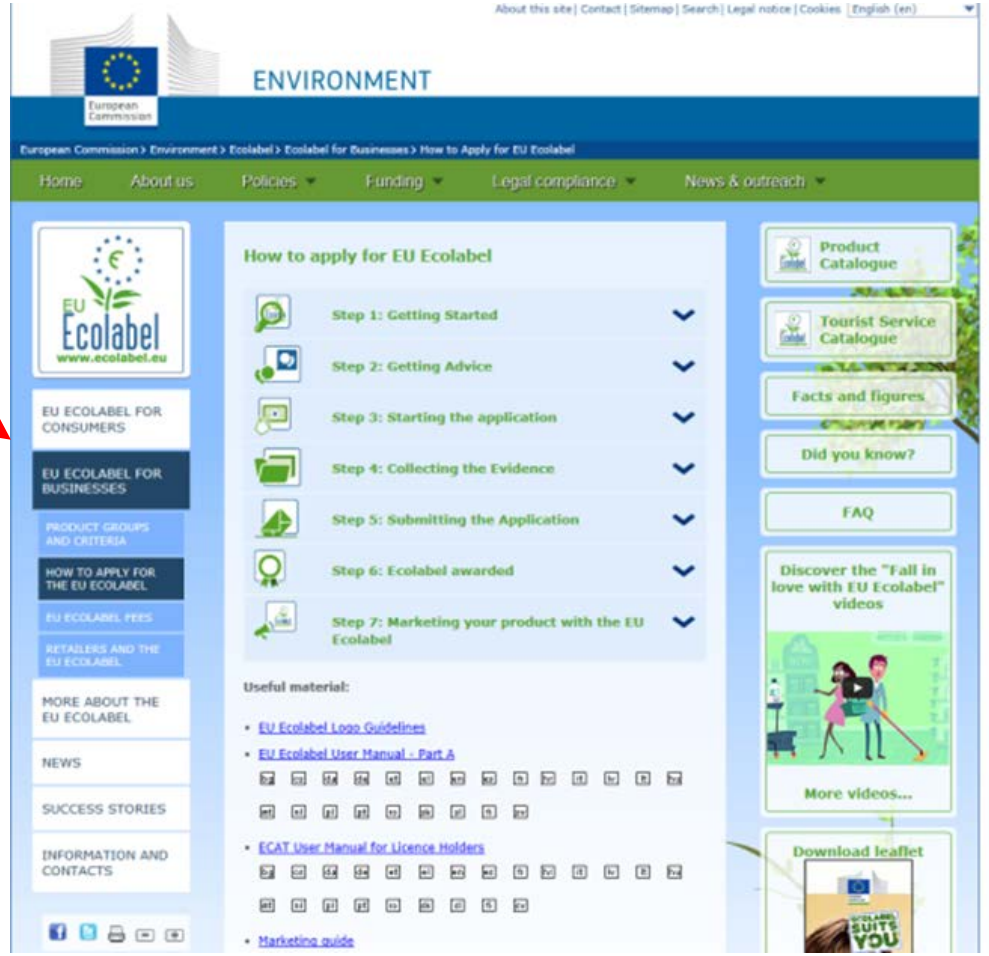
European Commission

The EU Ecolabel-Benefits for consumers

- **Reliable third-party** certified label that can be trusted (covers all main environmental, health, social issues)
- **Guaranteed by a transparent** process for establishing the criteria
- A **Logo** easy to recognize
- It helps making **informed choices**.
- Allows to empower consumers to **choose green products** thus stirring the market of sustainable products in a **circular economy.**

How to apply for the EU Ecolabel?

- Contact your National Competent Body
- Prepare technical dossier
- Register your product on ECAT
- Submit your application and pay fee
- Assessment of your application
- Award of a licence
- Communicate about your products/services!



Important links and contacts:

European Commission EU Ecolabel website: http://ec.europa.eu/environment/ecolabel/eu-ecolabel-for-businesses.html

EC contact Email: EU-Ecolabel@ec.europa.eu

European Commission

Factsheet available at www.ecolabel.eu

European Commission

The EU Ecolabel for electronic displays

The EU Ecolabel is the official European Union label for environmental excellence

November 2020
#EUGreenDeal; #EUEcolabel

The EU Ecolabel is awarded to sustainably designed products, encouraging innovation, and contributing to the EU goal of climate neutrality by **2050** and to the **circular economy**.

Through the EU Ecolabel, industry can offer consumers an eco-friendly alternative to conventional displays, helping them lower their daily environmental impact.

This product group covers televisions, computer monitors and signage displays.

Stringent criteria, focusing on the main environmental impacts throughout the lifecycle of the products, ensure that EU Ecolabel electronic display are among **the best on the market** in terms of environmental performance. They ensure that EU Ecolabel electronic displays:

are energy efficient

are repairable

are easy to dismantle (to help the recovery of resources from recycling at the end of their useful life)

have a minimum recycled content

contain a limited amount of hazardous substances

Environment

The EU Ecolabel addresses five key environmental hotspots related to electronic displays

Hotspots	EU Ecolabel Solution
For the full list of requirements please refer to the Commission Decision EU 2020/1804 of 27 November 2020: https://eur-lex.europa.eu/eli/dec/2020/1804/oj	
1: Energy consumption	**Energy efficiency and savings:** ✓ best available energy efficiency classes are requested ✓ limits are set on the maximum on mode energy consumption ✓ a dynamic approach ensures continuous improvement ✓ power management requirements are set
2: Environmental impact of toxic substances	**Restricted hazardous substances:** ✓ substances included in the candidate list of substances of very high concern for authorisation shall not be intentionally added to the product ✓ the use of classified hazardous substances (with a focus on plasticisers and flame retardants) is restricted ✓ supply chain fluorinated greenhouse gas (GHG) are reduced
3: Inefficient use of resources	**Product reparability:** ✓ a proper design of the product is requested ✓ a repair manual shall be available ✓ spare parts to be available for at least 8 years following the end of the model production
4: waste generation	**Recyclability and recycled content:** ✓ products shall contain a minimum amount (10%) of post-consumer recycled plastics ✓ proper end-of-life management is requested including the provision of information to improve recyclability, limiting the material selection and promoting an easy-to-dismantle design
5: Social aspects	**Corporate social responsibility (CSR):** ✓ labour conditions at assembly plants respect ILO conventions and supplementary provisions ✓ responsible sourcing of tin, tantalum, tungsten and their ores and gold from conflict-affected and high-risk areas is supported

For more information, visit www.ecolabel.eu

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Question/answers

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Keep in touch

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Thank you

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