

TECHNICAL NOTE

Eco-modulations applicable to Sport and Leisure Articles (ASL)

Criteria applicable from 1st January 2027

Version of the 30/09/2026

Cancels and supersedes all previous versions

Purpose of this document

This document sets out **the criteria and calculation rules for the bonuses and penalties applicable to the financial contributions** paid by producers of Sport and Leisure Articles (ASL), from 1st January 2027.

As the modulation criteria are subject to the opinion of the Ministry in charge of the Environment, the information presented in this document may change in line with requests from the supervisory authority (*Direction Générale de la Prévention des Risques*).

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Summary: the 5 criteria at a glance

This summary enables a producer to quickly understand the modulations: which product is concerned, which rule applies, what is the amount, and what proof must be kept. It does not replace the details set out in Chapter 4 and in the appendices, to which reference should be made.

Criterion	Products concerned	Condition	Amount	Expected proof	Application
Spare parts availability malus	All repairable products (details in Appendix B)	Parts available $\geq$ legal guarantee + 1 year, or listed standard parts	+15%	Internal documentation + public documentation	2027 (proof by end of 2027)
Product recyclability (malus)	Listed products	Recyclability rate $< 50\%$	+10%	e-ecodesign calculation, or QCE page + BOM + calculation	2027
Product recyclability (bonus)	Listed products	Recyclability rate $> 50\%$ $> 95\%$	-10% and -50%	e-ecodesign calculation, or QCE page + BOM + calculation	2027
Reliability / durability bonus	All products except consumables and spare parts (exempted products listed in Appendix A)	Third-party reliability / durability certification or label	-20%	Certification or label certificate	2027
Recycled metal incorporation bonus	Products $> 50\%$ metal by mass (details in Appendix C)	$\geq 80\%$ of the metal by mass is recycled	-20%	EN 45557 calculation, certification or label	2027
Premium for the incorporation of recycled plastic material	Entire sector	Eligible recycled material (origin, traceability, proximity)	€450 / €550 per tonne	Third-party certification (IMPR/LNE, Recyclclass)	2027

Amounts are expressed as a percentage of the reference eco-contribution (or in €/tonne for the incorporation premium), within the limit of 20% of the selling price excluding VAT.

Purpose and regulatory framework

I. Purpose

This document sets out **the criteria and calculation rules for the premiums, bonuses and maluses** applicable to the financial contributions paid by producers of Sport and Leisure Articles (ASL), also known as eco-modulations, from 1st January 2027. It aims to provide the clarifications needed to enable the producers concerned to understand their obligations with regard to the modulation of the eco-contribution.

Compared with the criteria applicable in 2026, this note introduces new durability and recycled material criteria. The table below summarises how the 2026 and 2027 criteria relate to each other:

2026 criterion	Becomes in 2027	Status
Availability period of spare parts (bonus -10%)	Reliability / durability bonus	Replaced
Availability time for spare parts (malus +10%)	Spare parts or documentation malus	Replaced
Incorporation of non-plastic recycled material (bonus)	Recycled metal incorporation bonus	Replaced
Premium for the incorporation of recycled plastic material	Premium for the incorporation of recycled plastic material (unchanged)	Maintained
Product recyclability	Product recyclability (adjusted product list)	Maintained

II. Legal framework

1. Article L541-10-3 of the AGECE law

The Anti-Waste and Circular Economy law (known as the AGECE law), in Article L541-10-3, states that “the financial contributions (...) are modulated, (...) according to environmental performance criteria (...) The modulation takes the form of a bonus (...) and that of a penalty. Bonuses and penalties are set in a transparent and non-discriminatory manner. Bonuses and penalties may exceed the amount of the financial contribution (...) The modulation is subject to the opinion of the minister in charge of the environment. It may be set by order of the minister in charge of the environment after consultation of the inter-sector commission. (...) the eco-organisation is required to limit the amount of the bonus or penalty to 20% of the selling price excluding VAT of the product.”

The decree on the reform of EPR (*Extended Producer Responsibility*) schemes, in Article R541-99, states that “for the application of Article L. 541-10-3 (...), within six months of the date of its approval, the eco-organisation determines the relevant environmental performance criteria (...) It draws up a proposal for a multi-year programme for the evolution of bonuses and penalties (...) Where the modulations are set by the order provided for in the third paragraph of Article L. 541-10-3, their criteria and amplitudes apply identically to each of the eco-organisations approved for the same category of products.”

2. Approval specifications for Sport and Leisure Articles

The order on the approval specifications for eco-organisations for Sport and Leisure Articles, in its Appendix 1 §2, sets out the “provisions relating to eco-design” for these ASL:

- Development of modulations (deadline 2022)
- Study on the incorporation of recycled materials (deadline 2025)
- Study on recycling (deadline 2024)
- Study on lifespan (deadline 2025)
- Support for research and development projects

III. Methodological approach

To establish the environmental performance criteria for the ASL sector, it was decided to draw on the experience of other sectors, in particular EEE. The following guiding principles frame the design and evolution of the criteria:

- **Incentive:** the scheme provides for modulation criteria designed to encourage virtuous practices.
- **Stability and review:** the scheme is designed for the long term, consistent with product life cycles, while remaining open to revision (adjustment of thresholds and of the products subject to a criterion) through review mechanisms provided for as soon as the criteria are introduced.
- **Fairness:** bonuses and penalties offset each other in order to maintain the necessary funding.

1. Calculation method for bonus / malus amounts

Eco-modulations are bonuses and penalties applied to the standard fee of a product’s eco-contribution. Each criterion is expressed as an amplitude, as a percentage of the reference eco-contribution (for example –20% for a bonus, +10% for a penalty), within the cap of 20% of the selling price excluding VAT set by law.

An exception applies to the calculation of the modulation amount for the “Human-powered bikes (except toys)” equipment in the “Bikes” family of the “Active Mobility - Cat. 1” universe. For this equipment, the reference eco-contribution used to calculate the modulation is always €1.70.

2.Types of criteria

Eco-modulation criteria are distinguished along three dimensions:

- **Type:**
 - Bonus: the standard fee applies by default; the product is eligible for a bonus if it meets the requirements of the criterion
 - Malus: the product is subject to a malus if it does not meet the requirements
 - Premium for the incorporation of recycled plastic material: the standard fee is applied in all cases at the time of declaration, and the producer may submit a **separate** request for payment of a premium if its product meets the requirements
- **Variability:** fixed (single amplitude or monetary value) or variable (amplitude depending on the specific features of the product).
- **Scope:** single (single list of products concerned) or differentiated (the same technical aspect triggers a different modulation depending on the product list considered).

3. Cumulation of criteria and premium / bonus / malus cumulation rule

Several modulation criteria may apply to the same product. The associated bonuses and maluses are then treated independently before the final calculation of the eco-contribution. Premiums, for their part, are decoupled from the declaration of products placed on the market and do not apply to the eco-contribution.

A product subject to a malus cannot benefit from a bonus, **with the exception** of the **premium for the incorporation of recycled plastic material** criterion and the **recycled metal incorporation bonus**, both of which may still be combined with a malus.

In this case, the amounts of each bonus and malus are added together before the total contribution due by the producer is established.

Where a product is not subject to any malus, the applicable bonuses are cumulative. **Cumulation is additive:** the amplitudes are added together and applied to the standard fee.

For example, a product eligible for two -20% bonuses has its eco-contribution reduced to $100\% - 20\% - 20\% = 60\%$ of the standard fee.

For a standard fee of €1, this gives the following:

Case considered	Calculation	Amount
Recyclability (bonus, >50%)	Standard fee - 10% = 90%	€0.90
Recyclability (malus, <50%)	Standard fee + 10% = 110%	€1.10
Recyclability (bonus, >50%) + Durability bonus	Standard fee - 10% - 20% = 70%	€0.70
Spare parts availability malus + Recyclability (bonus, >95%)	Standard fee + 15% -50% = 115% (No bonus/malus cumulation, so the recyclability bonus does not apply)	€1.15

Application of the incorporation premium	Standard fee declared and premium claimed via a dedicated form
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To declare a criterion, the conditions for its application must be fully met. Non-cumulation is a general condition across the sector, but some criteria have their own intrinsic conditions: for example, the recycled metal incorporation bonus can only be claimed if the product contains 50% metal by mass. It is the producer's responsibility to check these elements before declaring.

4. Declaration method

When declaring, the producer undertakes, via Ecologic's declaration tool, to declare its catalogue references in compliance with the modulation criteria, by type of product concerned as worded in this technical note. It uses the adequate modulated fee code.

At the request of the eco-organisation, for products concerned by the modulation criteria, the producer shall provide, at its own expense, supporting documents justifying the classification of the product under the eco-modulation criteria. Except for the premium for the incorporation of recycled plastic material (see dedicated chapter), no supporting documents need to be submitted at the time of declaration: the producer keeps the proof available in the event of an audit.

IV. Consumer information arrangements

The fees communicated by the eco-organisation to producers include the modulations established on the basis of the criteria of the specifications in force. The mandatory visible contribution ("visible fee") shown on invoices therefore includes this modulated fee, with the exception of premiums granted for the incorporation of recycled material.

Premiums granted for the incorporation of recycled materials are expressed in euros per tonne, which would make it impossible to display an amount per unit of product.

1. Display under Article 13 of the AGEC law

Article 13 of the 2020 Circular Economy law requires the "product sheets on environmental qualities and characteristics" to state whether the product concerned is subject to a bonus or a penalty, specifying the criteria concerned. This information does not necessarily have to include the amount of these bonuses and penalties.

To make it easier for producers to comply, the following wording is suggested:

"As part of the modulation of eco-contributions under the Extended Producer Responsibility scheme for Sport and Leisure Articles, this product has been subject to:

- *A bonus for the incorporation of recycled materials"*
- *A penalty for the availability of spare parts"*

In this display, the term “bonus” is used to refer, without distinction, to bonuses applicable to the eco-contribution and to premiums claimable from the eco-organisation. The term “penalty” is used to display maluses.

V. Control process

1. General process

The modulated fee is used at the time of declaring products placed on the market. It requires the declarant to know the modulation criteria and their eligibility conditions, and to be able to justify them if it wishes to benefit from them. The declarant uses the corresponding eco-modulated code.

When declaring, the producer undertakes, via the eco-organisation’s declaration tool, to provide the catalogue references meeting the modulation criteria, by type of product concerned as worded in this technical note. At the request of the eco-organisation, for products concerned by the modulation criteria, the producer shall provide, at its own expense, supporting documents justifying the classification of the product under the eco-modulation criteria.

The producer shall always keep available to the eco-organisation the documents justifying its use of this modulated fee.

If the supporting evidence cannot be produced, the declaration must be redone and corrected based on the non-modulated fee, going back to the origin of the erroneous declarations, within a limit of 2 years. Once the member has validated its declarations, no premium claims may be made retroactively.

2. Possible sanctions

In case non-eligible equipment is declared, a detailed report will inform the declarant of the errors made or of the failure to present compliant evidence.

The declarant will be asked to provide proof of the missing elements within two months of notification. Failing this, it must correct the invalidated declaration and pay the resulting contributions at the full rate.

In the event of clear evidence of bad faith or intent to infringe, or in the event of a repeat offence, the eco-organisation reserves the right to report the producer concerned to the DGPR and ADEME with a request for suspension of its Unique Identifier (IDU).

3. Purpose of the control audit

Conducted by a COFRAC-accredited third-party audit firm, the audit takes place at the request of the eco-organisation as part of a general control covering all declarations of the two previous years. It covers the verification of the quantities declared and of the methodology used by the declarant, as well as verification that a written declaration procedure exists.

General audits are governed by the eco-organisations' specifications and must cover a selection of members representing at least 20% of the quantities placed on the market through the eco-organisation.

To justify compliance with the modulation criteria, supporting documents must consist of original documents in French or English, or certified true copies. For declarations to which modulated contributions have been applied, the audit aims to verify:

- The existence of proof giving access to the modulated fee or exemption from penalties;
- The compliance and authenticity of the documents;
- Their full consistency with the eligibility criteria used;
- Their consistency in time with the criteria in force at the time of the control, and their compliance at the date of declaration.

Audited members will be selected either randomly and objectively, or selectively by the auditor with the approval of the eco-organisation.

Modulation criteria

Each criterion is presented using the same structure: scope, rule, threshold, amount, proof, timeline, example.

I. Reliability / durability bonus

This bonus cannot be combined with a malus

1. Scope

All products, except consumables (see Appendix A).

2. Rule

The increased reliability or durability of the product must be demonstrated by a third-party reliability or durability certification, or by a third-party label, based on a scoring system built on standards EN 45552 and EN 45554 (or on a set of standards yielding a list of scoring parameters identical to the lists below).

For clarity on the use of these standards: the criterion draws on the parameters and scoring logic defined by these two standards, without requiring their full application and without setting a precise performance target.

Standard EN 45552:2020 provides the parameters for assessing durability:

- Reliability
- Robustness
- Resistance to ageing and wear over the lifetime of the product

Standard EN 45554:2020 provides the parameters for assessing reparability:

- Availability of spare parts and lead time for supplying them
- Ease of disassembly (fasteners and tools required)
- Access to repair information
- [...]

The criterion is met when the third-party certification or label presented by the producer is based on a scoring system built on these parameters (or on a set of equivalent parameters) and indicates increased reliability or durability of the certified or labelled product.

3. Threshold

The criterion is binary: it is met as soon as an admissible certification or label is presented for the product reference. No minimum score is set in this note; the level of requirement lies in the method established by the certification or label standard itself.

4. Amount

Bonus of –20%.

In other words, for an eco-contribution of €1, a product benefiting from the –20% bonus will pay only €0.80.

5. Proof

Proof by certification or label only. The producer keeps available the certification or label certificate applicable to the declared reference, stating the scoring system used and how it corresponds to standards EN 45552 / EN 45554 (or equivalent) in its specifications.

6. Timeline

Applicable from 1st January 2027.

In parallel, work will be undertaken on equivalent test plans to demonstrate product reliability without recourse to third-party certification, with a view to application in 2028.

7. Examples

Eligible case: a product holds a durability label issued by a third-party body, such as the Longtime label, whose scoring grid incorporates the parameters of standards EN 45552 and EN 45554.

→ **The reference benefits from the –20% bonus.**

Non-eligible case: a product highlights an extended commercial warranty but has no third-party certification or label

→ **The reference does not benefit from the bonus.**

II. Spare parts malus

Application of this criterion prevents the application of the recyclability and reliability / durability bonuses.

1. Scope

All repairable products (see Appendix B). A list of spare parts has been defined for each product concerned; these are the parts that must be made available.

2. Rule

A product is subject to the malus when the spare parts defined for that product (necessary for its operation and repair, so as to at least restore its functions to their original state) are not available for at least one year beyond the legal guarantee obligation applicable to the product.

Standard spare parts that are commercially available are exempt from proof of availability, provided that the producer publicly states the type and reference of the part required for the repair and directs the user to at least one retail website where it can be purchased. No minimum delivery time is required for this criterion.

Where a part listed by Ecologic is not included in a reference, the producer is exempt from proving its availability but must, in the event of an audit, be able to justify by any means that the part is absent from the reference (diagram, photos, etc.).

3. Definition of a standard part

A standard part, for a given family of articles, is a part that meets all of the following conditions:

- It is **structurally identical** to the part originally used on the product
- It makes it possible to **restore the functions of the product to their original state**
- It is available for sale from **at least three separate retailers**.

The producer is required to check annually that these parts remain effectively available commercially.

4. Threshold

The parts availability period exceeds the “duration of the legal guarantee obligation” by one year. For example, the expected availability is 3 years for a product subject to a 2-year statutory guarantee, and 6 years for a product subject to a 5-year obligation.

5. Amount

Fixed malus of 15%.

6. Proof

For non-standard spare parts: internal tracking document linking spare parts to the products sold, proving that the producer places the parts on the market.

For standard spare parts: publicly accessible documentation indicating the repairable products and the procedure for repairing them or having them repaired. This documentation must include a link to at least one point of sale: an internal point of sale for parts placed on the market by the producer, or an external point of sale for parts considered standard.

7. Timeline

Criterion applicable from 2027.

By way of derogation from the general rule on holding proof, the proof (in particular the published lists of parts, including, where applicable, links to third-party sales websites) benefits from a phased timeline for being made available:

- **In 2027:** proof must be available before 31 December 2027 (and not on 1st January 2027), to give producers time to compile the lists of parts if this has not already been done.
- **From 2028:** proof must be available from 1st January 2028.

8. Example

Non-penalised case: for a product under a 2-year legal guarantee, the producer guarantees the availability of the defined parts for 3 years and publishes the repair documentation.

➔ **The reference is not penalised.**

Penalised case: a repairable product whose defined parts are no longer available beyond the legal guarantee, and for which no standard part reference is published.

➔ **The malus applies.**

III. Recycled metal incorporation bonus

This criterion can be combined with any malus applied to the product

1. Scope

Products made of more than 50% metal by mass (see Appendix C).

2. Rule

The bonus applies to products whose total mass is made up of more than 50% metal. To benefit from the bonus, at least 80% of the metal contained in the product must be recycled metal (post- or pre-consumer).

3. Threshold

The share of recycled metal is greater than or equal to 80% of the total mass of metal in the reference.

4. Amount

Fixed bonus of -20%.

5. Proof

Calculation of the share of recycled metal carried out in accordance with standard EN 45557, per product reference. Failing that, proof by certification or label.

6. Timeline

Applicable from 1st January 2027.

7. Example

Eligible case: a metal frame accounts for 70% of the mass of the product. 85% of this metal comes from post-consumer recycled aluminium:

→ **Bonus of -20%.**

Non-eligible case: a product made of 60% metal, of which only 50% is recycled:

→ **Does not reach the 80% threshold and does not benefit from the bonus.**

IV. Product recyclability

Bonus: when this criterion is a bonus, it cannot be combined with a malus

Malus: when this criterion is a malus, it prevents the durability bonus from being applied

The recyclability criterion is maintained compared with 2026. Only the list of products concerned has been adjusted to reflect the new fee list.

1. Perimeters

a. List of products subject to the malus (perimeter 1):

These products are generally recyclable and are therefore subject to the malus to encourage innovations that do not have a negative impact on recycling and end-of-life treatment.

Product family	Products
Equipment & Accessories (Fitness and Combat sports)	Weight bench
	Step platform
Equipment & Accessories (Snow & Ice)	Sled
	Pair of snowshoes
Skateboard	Skateboard
Equipment & Accessories (Skill & Precision sports)	Pool table and foosball table
Equipment & Accessories (Balls & racquets sports)	Table tennis table
Scooter	Scooter

NB: The product list is derived from the 2024–2025 modulation working groups. In 2026, the list was adapted to the new fee list, not extended.

b. List of products eligible for the bonus (perimeter 2):

These products are generally difficult to recycle and therefore benefit from a bonus to reward design efforts that take end of life into account.

Product family	Products
Rollerblades and roller skates	Rollerblades or roller skates
Equipment & Accessories (Water sports)	Pair of fins
Equipment & Accessories (Skill & Precision sports)	Dartboard
Protections / PPE (Verticality and Air Sports)	Verticality and air sports helmet (e.g. climbing)
Protections / PPE (Active Mobility - Cat. 2)	Active mobility helmet (e.g. bike helmet)
Protections / PPE (Snow & Ice)	Snow sports helmet (e.g. ski helmet)

NB: The product list is derived from the 2024–2025 modulation working groups. In 2026, the list was adapted to the new fee list, not extended.

2. Rule and threshold

The criterion differentiates products according to their recyclability, measured using Ecologic's calculation tool [e-ecodesign](#):

- **Perimeter 1 (Malus):** products that are less than 50% recyclable are subject to a +10% malus; at 50% or above, the standard fee applies.

Perimeter	Situation	Modulation
Perimeter 1	Less than 50% recyclable	+10% malus
Perimeter 1	50% or more recyclable	Standard fee (malus avoided)

- **Perimeter 2 (Bonus):** products that are more than 50% recyclable benefit from a –10% bonus, increased to –50% above 95%; below 50%, the standard fee applies.

Perimeter	Situation	Modulation
Perimeter 2	Less than 50% recyclable	Not eligible (standard fee)
Perimeter 2	More than 50% recyclable	–10% bonus
Perimeter 2	More than 95% recyclable	–50% bonus

3. Amount

+10% malus (Perimeter 1);

–10% or –50% bonus (Perimeter 2), according to the table above.

4. Proof

The recyclability calculation carried out [on Ecologic's e-ecodesign platform](#) constitutes sufficient proof in itself. If no calculation has been carried out on this platform, the following three elements must be gathered and made available in the event of an audit, in French or English:

- Web page setting out the environmental qualities and characteristics (QCE) of the product
- Bill of Materials (BOM) of the product, in a format that allows the calculation
- Proof of the recyclability calculation.

5. Timeline

Applicable from 1st January 2027.

6. Example

Bonus case: a Perimeter 2 product whose e-ecodesign calculation establishes a recyclability of 97%

→ **Benefits from the –50% bonus.**

Malus case: a Perimeter 1 product whose recyclability is established at 20%

→ **Is subject to the +10% malus.**

V. Premium for the incorporation of recycled plastic material

The producer may benefit from a premium for the incorporation of recycled materials, **the amount of which is based on the total quantity of recycled plastic material incorporated in the units placed on the market in France and subject to the ASL EPR (*Extender Producer Responsibility*) scheme.** The terms of this premium were set by the order of 5 September 2025, which is common to a number of EPR schemes, and apply identically to EEE and ASL. This criterion is maintained unchanged compared with 2026.

This premium can be combined with any bonus or penalty, and its declaration follows a process separate from that of declarations of products placed on the market. A request form can be obtained from Ecologic via the Producer Extranet.

1. Premium mechanism and pre-declaration

Unlike the other criteria in this note, the premium for the incorporation of recycled plastic material requires a **pre-declaration** to be submitted in advance to the eco-organisation.

The following definitions apply:

- **Pre-declaration:** the prior annual declaration by which the producer notifies its eco-organisation of its intention to apply for the premium for a given calendar year, together with the estimates and documents required under the terms set by the eco-organisation;
- **First-time declarant:** a producer submitting a pre-declaration to its eco-organisation for the first time.

2. Premium levels according to the origin of the recycled plastic material

Two premium levels are set, according to the origin of the recycled plastic material:

	“OPEN LOOP”	“CLOSED LOOP”
	Recycled plastic material from post-consumer waste from non-ASL EPR schemes	Recycled plastic material from the post-consumer ASL EPR scheme
Premiums (excl. VAT)	€450/t of recycled plastic material	€550/t of recycled plastic material

3. Conditions for obtaining the premium

To benefit from this premium, the producer must ensure that all of the criteria below are met.

Origin of the material	Collection, sorting and recycling	Incorporation of the material
The waste must consist of products from an EPR scheme (ASL or non-ASL). The waste must be post-consumer.	These steps must take place within a 1,500 km radius of the barycentre of France (in France or elsewhere). These steps must take place in countries meeting European or equivalent standards. The recycling process must have a yield of more than 50% by mass.	The recycled plastic material must be incorporated into an ASL, with no minimum weight or proportion within the product. The proportion of recycled plastic material must be calculated in accordance with standard EN 15343:2008. The recycled plastic material must not be incorporated into a composite matrix

4. Proximity criterion, 1,500 km radius



1,500 km radius around the barycentre of France, for reference.

The list of European Union countries with part of their territory within a maximum radius of 1,500 kilometres around the barycentre of mainland France (46° 29' 38" N, 2° 36' 10" E) is as follows: Austria, Belgium, Croatia, Czechia, Denmark, France, Germany, Hungary, Ireland, Italy, Luxembourg, Malta, the Netherlands, Poland, Portugal, Romania, Slovakia, Slovenia, Spain and Sweden.

The EU countries not included within the 1,500 km radius are: Bulgaria, Cyprus, Estonia, Finland, Greece, Latvia and Lithuania.

Other non-EU countries located wholly or partly within the 1,500 km radius: Albania, Andorra, Bosnia and Herzegovina, Liechtenstein, Monaco, Montenegro, Norway, the United Kingdom, San Marino, Serbia, Switzerland, Vatican City, Algeria, Morocco and Tunisia.

For operations carried out in a country only partly included within this perimeter, or in a third country, it is the responsibility of the market operator to provide proof that all the operations concerned took place within the 1,500-kilometre limit and in a country meeting the appropriate regulatory requirements.

5. Supporting documents to be sent to the eco-organisation

The producer must demonstrate that these criteria are met by sending the eco-organisation:

- IMPR Part 3 certification issued by LNE, or Recyclclass certificates (Recycling Process for the reprocessor and Recycled Content Traceability for the converter). The reprocessor must provide a certificate stating the source of the recycled plastic material (type of waste: ASL or other EPR schemes); without this information, the open-loop premium applies. Self-declarations are not accepted: every declaration must be validated by a third party;
- For further information on eligibility, on the precise scope for taking into account accessories, recycling disruptors and chemical recycling, please contact Ecologic at eco-conception@ecologic-france.com.

6. Calculation of the premium amount

The premium amount is calculated, per reference, by:

- Establishing the origin of the recycled material(s) incorporated in the reference concerned;
- Establishing the quantity of each recycled plastic material incorporated in the reference concerned (for example 1.2 kg per unit);
- Multiplying this quantity by the number of units of this reference placed on the market in France during the period covered by the declaration (for example 10,000 units);
- Multiplying the result obtained (for example $1.2 \text{ kg} \times 10,000 \text{ units} = 12 \text{ tonnes}$) by the applicable premium amount (for example $12 \text{ t} \times \text{€}550 = \text{€}6,600$)

Where the quantity established may vary from one production batch to another, it is recommended to calculate and apply the minimum recycled plastic content that can be guaranteed on average across all units declared for this reference.

Appendices

Some criteria have a dedicated appendix containing information on the precise scope of the products concerned.

Appendix A: Reliability / durability bonus

All sport and leisure articles are subject to this criterion, with the exception of those appearing in the following list:

Parts & Accessories (Active Mobility - Cat. 1)	Tyre
	Inner tube
Protections / PPE (Balls & racquets sports)	Pair of football/handball goalkeeper gloves
Equipment & Accessories (Balls & racquets sports)	Ball: football, basketball, volleyball, rugby, handball
	Tennis and padel ball (by the unit)
	Pickleball ball (by the unit)
	Table tennis / ping-pong ball (by the unit)
	Squash ball (by the unit)
	Badminton shuttlecock (by the unit)
	Grip, overgrip (by the unit)
	Racket stringing
	Anti-vibrator
	Marker disc and cone for training
Equipment & Accessories (Outdoor / Hiking)	Pair of hiking poles pads
Protections / PPE (Water sports)	Pair of armbands
Equipment & Accessories (Water sports)	Swim cap (excluding neoprene)
Equipment & Accessories (Snow & Ice)	Pair of climbing skins
	Hockey stick
	Hockey puck
Equipment & Accessories (Skill & Precision sports)	Golf ball (by the unit)
	Golf tee
	Arrow (by the unit)
	Archery target

	Dart (by the unit)
	Dartboard
Protections / PPE (Verticality and Air Sports)	Rope without metal parts (dynamic, static climbing rope, ...)
Equipment & Accessories (Fitness and Combat sports)	Resistance band
	Yoga brick and block
	Fitness ball: gym ball, pilates / yoga ball, ..
Hunting, Sport Shooting and Fishing items	Hunting and shooting cartridges (unit: per 1000 cartridges)
Hunting, Sport Shooting and Fishing items	Other cartridges (unit: per 1000 cartridges)
Hunting, Sport Shooting and Fishing items	Hunting and Sport Shooting consumable: clay pigeon, ...
Hunting, Sport Shooting and Fishing items	Hook, fishing line, and other consumable (Fishing)

Appendix B: Spare parts malus

Scope: all repairable products. For each product concerned, the appendix specifies the list of spare parts defined for the purposes of the criterion; these are the parts that must be made available under the conditions set out in chapter 4.2.

Products are categorised according to their product family and the reason for their inclusion in the criterion.

Product family	Equipment	Reason for applying the modulation	List of associated parts
Technical luggage	Bag and carry cover: archery backpack, golf bag, quiver, ...	Luggage with parts: by its very nature, its maintenance and repair help extend the lifespan of other products by storing and transporting them in the best possible conditions.	Patch, buckle, strap
	Bag and carry cover for athletics (incl. for javelins, hammers)		
	Box, luggage, fishing trolley, cover, carry cases (rods, rifles, ...), ammunition box, lure box, bucket, unhooking mat, ...		
	Grooming bag, saddle cover, cover for riding hat / helmet, case, ...		
	Bag and carry cover for Fitness and Combat		
	Bike backpack, hydration belt and vest, carrying cover...		
	Bag, carry cover, pouch, waterproof container (canisters, ...), ...		
	Cover and carry bag for skis, snowboard, pouch and textile or soft protection for helmet and goggles, ski backpack (including those with a back protector), ...		
	Hiking backpack (if it has a hip or chest belt)		
	Insulated backpack, organizer / storage cover for hiking backpack, rain cover for bag, hydration belt and vest...		
	Cover and bag for balls, rackets, ping-pong table, ...		
	Bag, pouch and cover (chalk bag, pof bag, radio pouch, rope bag, rope tarp, climbing backpack...)		

Footwear (Snow & Ice)	Pair of cross-country ski boots	Footwear with parts	Sole, buckles, hooks, laces, inner boot
	Pair of alpine ski boots		Buckles, hooks/levers, spoiler, inner boot, sole
	Pair of snowboard boots		Straps, buckles, sole, inner boot
	Pair of ice skates		Skate blade
Rollerblades and roller skates	Rollerblades or roller skates		Wheel, bearing, screws and bolts, lace, brake pad

Rackets	Badminton racket (by the unit)	Strung rackets	Strings, grip, bumper strip
	Squash racket (by the unit)		
	Adult tennis racket (by the unit)		
	Table tennis racket (by the unit)		
	Kids' tennis racket (by the unit)		

Equipment & Accessories (Fitness and Combat sports)	Weight bench	Large repairable multi-part sport and leisure articles	Backrest, backrest support, screws and bolts, pin, plastic end cap
	Pull-up bar		Screws and bolts, pins, plastic end caps, foam grips
	Elliptical (excluding EEE), Rowing machine, Reformer		Footrests, straps, strap guide rollers, pull bars or cables, seats, screws and bolts
	Large item: pommel horse, beam, parallel bar, ...		Screws and bolts, pins, end caps, covering / padding
	Punching ball		Patch
	Punching bag		Screws and bolts if applicable, patch
	Outdoor trampoline / gym springboard		Jumping mat, net, frame pad, frame, leg, spring, connector, pole end cap
	Indoor trampoline		Jumping mat, frame pad, frame, leg, spring, leg end cap
	Removable strength-training machine requiring no installation (excluding EEE)		Cables, pulleys, pins, screws and bolts, foam pads / backrest
Equipment & Accessories (Balls & racquets sports)	Football/handball goal, .../posts (removable)		Net, screws and bolts, anchors / pegs, tubes / posts
	Basketball hoop		Backboard, Rim, Pole, Base
	Table tennis table		Wheels, Braking system, Table tops, Safety system, Legs, Net posts
	Golf trolley (excluding EEE)		Wheels, handle, axles, folding system

Equipment & Accessories (Skill & Precision sports)	Pool table and foosball table		Balls, cues, rods, handles, covering / cloth, legs
Equipment & Accessories (Water sports)	Watercraft: human-powered (pedal boat, rowing boat, ...) or <2.5 m (Optimist dinghy, tenders, ...)		Oars / paddles, oarlocks, drain plugs, seats
	Kayak and canoe		Paddles, drain plugs, seats, footrests
	Complete inflatable paddleboard kit (paddleboard, bag, paddle...)		Pump, Pump/valve connector, Leash, Paddle
	Complete kitesurf package (kiteboard and its full rig — kite, bar and lines, harness, etc.)		Lines, bar, harness, bridles, leash, valves
	Complete windsurf setup (board and its full rig)		Mast, boom, mast base, sail, fins
	Complete wing foil package (wing board and its full rig — inflatable wing, foil, etc.)		Wing, foil, leash, pump
	Other nautical/wind craft (land yacht, ...)		Wheels, rigging, sail, axles
Equipment & Accessories (Outdoor / Hiking)	Tent (if there is sleeping space) - for vans, or ridge tent		Poles, Hoops
	Tent (if there is sleeping space) - for camping or hiking		Poles, Hoops

Equipment & Accessories (Skill & Precision sports)	Archery: complete bow and bow spare parts	Multi-part specific ASL	Bowstring
	Golf club (by the unit)		Grip
	Golf set (clubs and bag)		Grips, bag shoulder strap / strap, bag legs
Equipment & Accessories (Outdoor / Hiking)	Hiking pole (by the unit)		Wrist straps, baskets, pole section
Hunting, Sport Shooting and Fishing items	Casting rod (fishing rod)		Reel handle, spare rod tip
	Casting rod (fishing rod) and reel		
	Long pole / coarse pole (fishing rod)		Reel handle, spare rod tip
	Long pole / coarse pole (fishing rod) and reel		
Equipment & Accessories (Water sports)	Neoprene wetsuit (full, shorty, ...) and neoprene poncho and top		Patch and glue
	Water board: paddleboard, windsurf board, surfboard, kiteboard, wing board, wakeboard, sled, rescue board ...		Fins / centreboards, leash, pads, fin screws

Equipment & Accessories (Horse Riding and Dressage)	Riding tack and item attached to the horse (by the unit): halter, lead rope, bridle, snaffle bridle, bit, rein, martingale, stirrup leather, girth, spur, ...		Buckles and fittings, girths, bits, stirrup leathers, buckles
	Horse riding saddle		Girth straps, stirrup leathers, stirrups, panels, saddle tree
Equipment & Accessories (Snow & Ice)	Step platform		Non-slip foot
	Sled		Brake, leash, harness, handles
	Pair of ski poles		Wrist straps, baskets, pole section
	Pair of snowshoes		Crampon teeth, heel riser
	Ski and snowboard binding		Binding brakes/straps

Active Mobility - Cat. 1	Scooter	Multi-part mobility equipment	Wheels, braking systems, folding systems, mudguards, handles, decks, forks, axles, handlebars and handlebar tubes, steering column
	Human-powered bicycle (excluding toys), based on the price when 1st placed on the market		Wheels, Pedals, Bottom bracket axles, Braking systems, Derailleurs and derailleur cables, Chains or drive belts, Saddles, Mudguards and luggage racks, Handles, Forks, Cranksets, Sprocket cassettes or hub-integrated gear systems, Handlebars, Stems, Frame shock absorbers
	Skateboard		Wheels, bearings, trucks, screws and bolts, deck
	Bike trailer		Wheels, hitch, axles, fabric / cover, hoops

Appendix C: Recycled metal incorporation bonus

Active Mobility - Cat. 1	Bikes	Muscle bikes (except toys) Based on the price when first placed on the market
	Scooter	Scooter
	Skateboard	Skateboard
	Rollerblades and roller skates	Rollerblades or roller skates
	Parts & Accessories (Active Mobility - Cat. 1)	Bike / scooter lock
		Bike trailer
		Other part & equipment accessory (active mobility - Cat. 1)
Active Mobility - Cat. 2	Protections / PPE (Active Mobility - Cat. 2)	Other protection / PPE: knee pad, elbow pad, ...
	Equipment & Accessories (Active Mobility - Cat. 2)	Other equipment & accessory (Active Mobility - Cat. 2)
Balls & racquets sports	Equipment & Accessories (Balls & racquets sports)	Kids' tennis racket (by the unit)
		Adult tennis racket (by the unit)
		Badminton racket (by the unit)
		Squash racket (by the unit)
		Football/handball goal, .../posts (removable)
		Basketball hoop
		Other equipment & accessory (Balls & rackets sports)
Outdoor / Hiking	Protections / PPE (Outdoor / Hiking)	Pair of hiking crampons
	Equipment & Accessories (Outdoor / Hiking)	Hiking pole (by the unit)
		Pair of hiking poles pads
		Tent peg / stake (by the unit)
		Other equipment & accessory (Outdoor / Hiking)
Athletics	Equipment & Accessories (Athletics)	Hurdle and starting block
		Shot put (shot)
		Throwing javelin (by the unit)
		Throwing discus (by the unit)
		Throwing hammer (by the unit)
		Other equipment & accessory (Athletics)
Water sports	Protections / PPE (Water sports)	Other protection / PPE: kitesurf harness, safety leash, ...
	Equipment & Accessories (Water sports)	Kayak and canoe
		Watercraft: human-powered (pedal boat, rowing boat, ...) or <2.5 m (Optimist dinghy, tenders, ...)
		Other nautical/wind craft (land yacht, ...)

		Wishbone (boom), mast, paddle, foil
		Nautical equipment, pack, spare part and accessory
		Weight (diving, ditchable, ankle), weighted band and ballast
		Diving tank/cylinder
		Other equipment & accessory (Water sports)
Snow & Ice	Equipment & Accessories (Snow & Ice)	Ski poles
		Ski and snowboard binding (by the unit)
		Pair of snowshoes
		Other equipment & accessory (Snow & Ice)
Skill & Precision sports	Protections / PPE (Skill & Precision sports)	Protection / PPE: glove for golf, archery, chest guard, forearm guard...
	Equipment & Accessories (Skill & Precision sports)	Pool table and foosball table
		Golf ball (by the unit)
		Golf club (by the unit)
		Golf set (clubs and bag)
		Golf trolley (excluding EEE)
		Pétanque ball, boule lyonnaise (by the unit)
		Bowling ball (by the unit)
		Discs, disc game (palets) and other outdoor game (any other material)
		Archery: complete bow and bow spare parts
		Arrow (by the unit)
		Dart (by the unit)
		Other equipment & accessory (Skill & Precision sports)
Verticality and Air Sports	Protections / PPE (Verticality and Air Sports)	Pair of mountaineering crampons
		Other protection / PPE: carabiner, metal device (descender, belay device, ascender, ice screw, pulley, anchor, ...), sling ...
	Equipment & Accessories (Verticality and Air Sports)	Other equipment & accessory (Verticality and Air Sports)
Fitness and Combat sports	Protections / PPE (Fitness and Combat sports)	Other protection / PPE: pair of wrist guards, fencing suit (excluding battery and sensor), boxing pad, shield, shin-in-step guard, cup/groin guard, ...
	Equipment & Accessories (Fitness and Combat sports)	Weight bench
		Elliptical (excluding EEE), Rowing machine, Reformer
		Exercise bike (excluding EEE)
		Removable strength-training machine requiring no installation (excluding EEE)
		Outdoor trampoline / gym springboard
		Indoor trampoline
		Large item: pommel horse, beam, parallel bar, ...

		Weight, fitness load: dumbbell, medicine ball, weighted ball, barbell, weight, weight plate, kettlebell, sandbag, crossfit rope, weighted vest, ...
		Pull-up bar
		Fencing sword, sabre, épée, nunchaku
		Other equipment & accessory (Fitness and Combat sports)
Hunting, Sport Shooting and Fishing	Technical luggage (Hunting, Sport Shooting and Fishing)	Box, luggage, fishing trolley, cover, carry cases (rods, rifles, ...), ammunition box, lure box, bucket, landing mat...
	Hunting, Sport Shooting and Fishing items	Hunting and shooting cartridges (unit: per 1000 cartridges)
		Other cartridges (unit: per 1000 cartridges)
		Casting rod (fishing rod)
		Casting rod (fishing rod) and reel
		Long pole / coarse pole (fishing rod)
		Long pole / coarse pole (fishing rod) and reel
		Reel
		Hook, fishing line, and other consumable (Fishing)
		Other Hunting, Sport Shooting and Fishing item
Horse Riding and Dressage	Equipment & Accessories (Horse Riding and Dressage)	Riding tack and item attached to the horse (by the unit): halter, lead rope, bridle, snaffle bridle, bit, rein, martingale, stirrup leather, girth, spur, ...
	Equipment & Accessories (Horse Riding and Dressage)	Other equipment & accessory (Horse Riding and Dressage)

Glossary

1. Stakeholders and regulatory framework

ASL (Sport and Leisure Articles) — The product sector covered by this document (sport and leisure equipment and accessories subject to EPR).

EPR (Extended Producer Responsibility) — Principle whereby producers are responsible for the end of life of their products; they finance their collection and treatment through an eco-contribution.

Eco-organisation — Approved body (here Ecologic) that collects producers' contributions and organises waste management on behalf of its EPR scheme(s).

AGEC law — Anti-Waste and Circular Economy law (2020) governing EPR schemes. Article L541-10-3 provides the basis for the modulation of contributions; Article 13 requires consumer information.

DGPR (Directorate-General for Risk Prevention) — Supervisory authority within the Ministry of the Environment.

ADEME — French Agency for Ecological Transition, which notably manages the Unique Identifier.

IDU (Unique Identifier) — Mandatory registration number of a producer in an EPR scheme; its suspension is a possible sanction.

COFRAC — French Accreditation Committee; control audit firms must be accredited by it.

OCAD3E — Coordinating body (EEE sector) that drew up the list of countries located within the 1,500 km radius.

EEE — Electrical and Electronic Equipment, the reference sector on which ASL is modelled.

Financial mechanisms

Eco-contribution — Financial contribution paid by the producer, calculated according to a fee list.

Eco-modulation — System of bonuses and penalties that adjusts the eco-contribution according to the environmental performance of the product.

Standard fee / modulated fee — The standard fee is the reference rate; the modulated fee includes the applicable bonuses and maluses.

Bonus / Malus — A bonus reduces the contribution (e.g. -20%), a malus increases it (e.g. +10%). Expressed as a % of the reference fee, capped at 20% of the selling price excluding VAT.

Bonus/malus non-cumulation — General rule preventing a product subject to a malus from benefiting from a bonus, except for criteria related to recycled material.

Pre-declaration — Prior annual declaration by which the producer notifies its intention to apply for the premium mechanism.

First-time declarant — Producer submitting a pre-declaration for the first time.

Visible fee — Amount of the eco-contribution that must be displayed on invoices.

2. Technical criteria

Spare part — Part required for the operation and repair of a product, defined product by product (see Appendix B).

Standard part — Part structurally identical to the original one, restoring functions to their original state and available from at least three separate retailers; exempt from individual proof of availability.

Legal guarantee — Legal guarantee obligation applicable to the product, used as the basis for the parts availability threshold.

Recyclability — Ability of a product to be recycled, measured in % using the e-ecodesign tool. Here, recyclability is a value that must be calculated using Ecologic's tool or a strictly equivalent method.

Pre-consumer material — Recycled material from manufacturing waste (offcuts, factory rejects) recovered before any sale. Accepted for the recycled metal bonus, but not for the incorporation premium.

Post-consumer material — Recycled material from used products discarded at end of life by the end user. The only category eligible for the incorporation premium.

Open loop — Post-consumer recycled material from an EPR scheme other than ASL. Premium: €450/t.

Closed loop — Post-consumer recycled material from the ASL EPR scheme itself. Premium: €550/t.

Recycling yield — Share of material actually recovered during recycling.

Barycentre of France — Geographical centre (46°29'38" N, 2°36'10" E) used as the reference point for the 1,500 km proximity radius.

3. Standards, tools and proof

EN 45552:2020 — Standard providing the parameters for assessing durability (reliability, robustness, resistance to ageing).

EN 45554:2020 — Standard providing the parameters for assessing reparability (availability of parts, disassembly, repair information).

EN 45557 — Standard for calculating the share of recycled material in a product (used for the recycled metal bonus).

EN 15343:2008 — Standard on traceability and calculation of the proportion of recycled material (used for the incorporation premium).

e-ecodesign — Ecologic's calculation platform for assessing the recyclability of a product; a calculation carried out on this platform constitutes sufficient proof.

BOM (Bill of Materials) — Detailed list of the materials and components of a product, required for the recyclability calculation.

QCE (Environmental Qualities and Characteristics) — Product page/sheet describing environmental characteristics.

LNE — French National Laboratory of Metrology and Testing, a certification body that notably issues the IMPR certification (Part 3) attesting to the incorporation of recycled material.

Recyclclass — Certification body issuing certificates attesting to the incorporation and traceability of recycled material (Recycling Process for the reprocessor, Recycled Content Traceability for the converter).

Reprocessor / Converter — The reprocessor turns waste into reusable recycled material; the converter (plastics processor) incorporates it into the finished product.

Longtime label — Example of a third-party durability label admissible for the reliability/durability bonus.

Version history of the 2027 note and its appendices

Version date	Changes made
30/09/2026 – Current version	Note created