

Participation Costs Overview 2022



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Foreword

International comparisons and benchmarking of European packaging recovery systems is a complex issue – very often such efforts result in “comparing apples with oranges” or worse. There are several factors affecting fee levels which should be taken into account when comparing the relative costs of compliance across various European schemes.

Major factors influencing relative compliance costs include the following:

- Existing national collection and recovery infrastructure in the waste management sector – both for packaging waste as well as other waste streams – e.g. residual and organic waste.
- The source of packaging used to meet national recycling quotas (household only or all packaging, including industrial and transport packaging). Household packaging waste is more expensive to collect and recover than packaging waste arising at production or retail outlets.
- The proportionate share of costs which industry bears: Some schemes meet 100% cost of collection and recovery cost, while others only pay a share thereof, and the rest is paid by the municipalities/fees from consumers.
- National recycling targets and the effect of derogations for some member states.
- Collection system used - bring systems are generally less expensive than kerbside collection from households.
- Geographic location and population density - Remote and sparsely populated regions will generally be more difficult and expensive to collect from.
- Enforcement influences costs: The more companies participate in the scheme and the lower the rate of freeriders, the greater the spread of the cost base, and the lower the cost for the individual company.
- Labour costs and general overheads differ depending on the prevailing local economic conditions.
- National waste legislation and enforcement: some countries have a comprehensive landfill ban in effect, while others still are striving to manage largely unstructured waste disposal.

The present document provides an overview about the costs of participation in the respective national recovery systems for packaging and packaging waste for 2022 (where available). All figures have been sent to us by the respective systems and have been compiled to the best of our knowledge. Nevertheless, this information is subject to change without prior notice to us and we therefore cannot guarantee its accuracy and applicability to each packaging. We therefore kindly ask you to get in touch with the respective system(s) of your country(ies) of operation to obtain the latest information relevant to you.

Should you have any further questions, please feel free to contact me.

Best regards,

Ursula Denison
Managing Director of PRO Europe s.r.l.

Austria - ARA Altstoff Recycling Austria AG

LIST OF TARIFF RATES 2022

Household packaging	Rates (€/kg) excl. VAT	
	from 01.01.2021	from 01.01.2022
1.01.0 Paper, household	0.120	0.120
1.02.0 Glass, household	0.087	0.087
1.03.1 Ferrous metal, household	0.275	0.275
1.03.2 Aluminium, household	0.310	0.310
1.04.1 Plastic, household	0.695	0.715
1.04.2 Beverage cartons, household	0.650	0.650
1.04.3 Other composite materials, household	0.730	0.730
1.04.4 Ceramics, household	0.120	0.120
1.04.5 Wood, household	0.018	0.018
1.04.6 Textile fibres, household	0.150	0.150
1.04.7 Biodegradable materials, household	0.400	0.400
Commercial packaging	from 01.01.2021	from 01.01.2022
2.01.0 Paper, commercial	0.033	0.033
2.02.0 Glass, commercial	---	---
2.03.1 Ferrous metal, commercial	0.060	0.060
2.03.2 Aluminium, commercial	0.080	0.080
2.04.1 Foils, commercial	0.080	0.080
2.04.2 Moulded containers, commercial	0.070	0.070
2.05.0 EPS, commercial	0.190	0.190
2.06.0 Beverage cartons, commercial	---	---
2.07.0 Other composite materials, commercial	0.100	0.100
2.08.0 Ceramics, commercial	0.100	0.100
2.09.0 Wood, commercial	0.007	0.007
2.10.0 Textile fibres, commercial	0.100	0.100
2.11.0 Biodegradable materials, commercial	0.100	0.100

ARA minimum fee (see Section VI.4. of ARA's Terms and Conditions): € 90,- excl. VAT per calendar year

ARA flat fee (see Section VI.5. of ARA's Terms and Conditions): € 150,- excl. VAT per calendar year

ARA standard fee (see Section XV.4. of ARA's Terms and Conditions): € 3,000,- excl. VAT

Please refer to Article 13h WMA 2013 for the definition of household packaging and commercial packaging.



Classification of packaging and determination of license amount by tariff category from 2015

The amendment to the Austrian Waste Management Act (Federal Law Gazette I no. 193/2013), and more specifically Article 13h, introduced new rules on how to distinguish between household and commercial packaging. The new rules apply from 1 January 2015. The detailed provisions – which are based on a study by GVM – are contained in the Packaging Classification Ordinance (Verpackungsabgrenzungsverordnung), which took effect on 29 January 2015, and in the 2016 amendment to the ordinance, which took effect on 30 January 2016. For further details please refer to the ARA information sheet “A practical guide on how to classify packaging and determine the license amount by tariff category from 2015 (GVM)”:

https://www.ara.at/fileadmin/user_upload/Downloads/InfoMerkblaetter/ARA_IB_Vorgehensweise_VerpEinstufung_2019_English.pdf

Packaging materials on a biological basis

Definition of packaging materials on a biological basis:

Packaging materials on a biological basis (also “biogenic packaging materials”, “biogenic packaging”, “bio plastics”, “biodegradable materials”) within the meaning of the Packaging Ordinance are materials made of renewable raw materials, which are used for packaging purposes and which are biodegradable. Furthermore, they cannot be assigned to the tariff categories 1.01.0 to 1.04.6 or 2.01.0 to 2.10.0 listed on the previous page.

Packaging materials on a biological basis are for example: Starch, starch blend, and biotechnologically produced polymers such as poly lactic acid (PLA).

Please find further definitions of packaging types in the “Informations- und Merkblätter”, which you may order from ARA or download from the “Download Services” of ARA’s Website (only available in German).

Examples of relevant definitions and fact sheets:

- GVM Produktgruppensdatenblätter ab 2016
- Informationsblatt Getränkeverbundkartons (beverage cartons)
- Informationsblatt Packstoffe auf biologischer Basis (packaging on a biological basis)
- Informationsblatt Transport-, Verkaufs-, Um- und Serviceverpackungen (transport, sales, secondary and service packaging)
- Merkblatt Materialverbunde (composite materials)

For more information on the Packaging compliance service visit the Website of ARA:

<https://www.ara.at/en/leistungen-angebote/entpflichtungsservice/verpackungsentpflichtung>

Belgium - Fost Plus

Green Dot rates 2022

Green dot rates per material (EUR/kg)

Materials	Category	Rate (EUR/kg) excl. VAT
Recycled		
Glass	001	0,0494
Paper-cardboard (≥ 85%)	002	0,1007
Steel (≥ 50%)	003	0,1888
Aluminium (≥ 50% and ≥ 50μ)	004	0,0411
Beverage cartons	008	0,4779
PET – Bottles and flasks - Transparent colourless	005-01	0,1039
PET – Bottles and flasks - Transparent blue	005-02	0,4172
PET – Bottles and flasks - Transparent – other than colourless and blue	005-03 / 011-04	0,5957
PET – rigid packaging other than bottles and flasks - Transparent	011-05	0,7784
HDPE – Bottles, flasks and other rigid packaging	007 / 011-03	0,4380
PP – Bottles, flasks and other rigid packaging	011-01	0,6176
PS – Hard packaging, except for EPS	011-02	0,6676
PE – Films	011-07	1,1588
Other plastics – Films, except for compostable	011-09	1,4483
Valorised		
Composite materials in which paper-cardboard accounts for the greatest weight	012	1,7379
Aluminium smaller than 50μ, non-composite	013	1,7379
PET – Bottles and flasks – Opaque	011-06	1,7379
Other plastics – Hard packaging, except for compostable plastics and EPS	011-08	1,7379
Other plastic packaging – whether or not composite – where plastic accounts for the greatest weight, including compostable plastics and EPS	014	1,7379
Wood, cork, textile, ...	016	1,7379
Non-valorised		
Composite packaging in which glass accounts for the greatest weight	017	2,1724
Composite packaging in which steel accounts for the greatest weight	018	2,1724
Pottery, ceramics, porcelain, ...	019	2,1724
Hazardous household waste (HHW)		
Household packaging that must be sorted as HHW after use		0,9321
Obstructive packaging		
Household packaging that obstruct the collection, sorting or recycling		2,8965



How do you apply the Green Dot rates?

General rules:

- 1 All packaging elements must be declared based on their material category.

Examples:

- Jam packaged in a glass jar with a label and a lid. The jar must be declared at the 'glass 001' rate, the label at 'paper-cardboard 002' and the lid at 'steel 003'.
- Smartphone packaged in a cardboard box. The cardboard box should be declared as 'paper-cardboard 002'. The charger and the earphones are each in a separate PE-bag with a paper label. These bags should be declared in the 'PE films 001-07' category, the two labels in the 'paper-cardboard 002' category.

- 2 Distinction between hard and soft packaging.

- a. **Hard or rigid packaging** will automatically return to its original shape after buckling. This includes bottles, flasks, containers, pots, trays and other blow-moulded or injection moulded plastic packaging. Hard packaging is usually comprised of dimensionally stable packaging which may or may not be combined with various packaging elements which can be separated from the actual packaging (e.g. label, cap, lid, sealing foil).
- b. **Soft or flexible packaging** is not rigid and buckles easily. It includes sacks, bags, envelopes, stand-up pouches, removable sealing films, wrappers and similar flexible packaging articles. Soft or flexible packaging consists of one or more layers made of a variety of materials, including plastic film, paper, aluminium or a combination of these. The construction may be unprinted, printed, coated and/or laminated.

- 3 Distinction is made between transparent versus opaque PET-packaging.

- a. With transparent PET packaging, its content is clearly visible through the material.
- b. With non-transparent or opaque PET-packaging, its content is not or barely visible through the material.

- 4 Distinction between colourless versus coloured transparent PET-bottles and flasks.

- a. Most transparent PET-bottles and flasks are colourless which means that they have not been coloured, eg by adding a colouring pigment.
- b. The coloured transparent PET-bottles and flasks were coloured by the producer, eg by adding a colouring pigment. The transparent coloured PET-bottles are split in blue or other colours. The colour of the PET-bottle is best seen at the injection point (at the bottom of the bottle) or in the neck (on which the closures fit).

- 5 Some household packaging must be sorted as hazardous waste after use.

The determining factor as to whether the packaging has to go through the household hazardous waste flow [KGA flow (Flanders) / DSM flow (Wallonia) / DCM flow (Brussels)] and therefore has to be declared as a packaging of a hazardous product is:

- the **type of product** contained in the packaging or the **type of packaging**, such as:
 - paints, varnishes and lacquers
 - glues and silicones
 - lubricants, fuels, motor oils and mineral oils
 - pesticides (herbicides, insecticides, fungicides, etc.)
 - single-use gas cylinders

No exception is made for this type of products on a natural or organic basis.

- presence of

- either one of the hazard symbols GHS06 or GHS08



- or a child-resistant closure





- ⑥ The “**obstructive packaging**” rate applies to the following household packaging that obstruct the selective collection, sorting and / or recycling:
- a. Plastic cans with metal bottom or top
 - b. Plastic bottles that are at least 70% covered by a sleeve (or 50% for bottles < 50cl), if it consists of a material different from the bottle and is not perforated
 - c. Laminated plastic packaging with aluminium film for beverages, fruit and vegetables, prepared dishes, pet food, maintenance products and body care
 - d. Oxo degradable packaging
 - e. Laminated cardboard packaging of chips and milk powders, insofar as they contain less than 85% paper fibre.

Nevertheless, these packaging must be declared according to the correct material categories.

Companies that can demonstrate what efforts they will make to make this packaging better sortable and / or recyclable are exempted from paying this obstructive packaging rate for 2 years and fall back on the rate of the respective materials. Please contact FostPlus in advance.



MATERIALS

RECYCLED

- **Glass (001):** applies for bottles, flasks and jars in glass. This does not apply for packaging in Pyrex, crystal or natural opal glass that contains more than 600 ppm fluorine.
- **Paper-cardboard (002):** applies for all packaging elements in paper-cardboard that consist of at least 85% paper fibre.
- **Steel (003):** applies for all packaging elements that contain more than 50% steel.
- **Aluminium (004):** applies for all packaging elements that contain more than 50% aluminium in weight and have a thickness greater than or equal to 50 µ.
- **Drinks cartons (008):** applies for any packaging element in laminated cardboard – with or without a cap – that consists of cardboard/plastic/aluminium or cardboard/plastic, with a minimum of 50% paper fibre. This is usually used to package liquids, mainly dairy products and fruit juices.
- **PET – Bottles and flasks – Transparent, colourless (005-01):** applies for colourless bottles and flasks in transparent PET.
- **PET – Bottles and flasks – Transparent, blue (005-02):** applies for blue bottles and flasks in transparent PET.
- **PET – Bottles and flasks – Transparent – Other than colourless and blue (011-04 / 005-03):** applies for bottles and flasks in transparent PET, with another colour than colourless or blue.
- **PET – Hard packaging other than bottles and flasks – Transparent (011-05):** applies for hard packaging elements, other than bottles and flasks, which consists of transparent thermoformed PET, like trays, cups and so on; note, this category does not apply for opaque thermoformed PET for which the category '011-08 Other plastics – hard packaging' applies.
- **HDPE – bottles, flasks and other hard packaging (007 / 011-03):** applies for hard packaging elements in HDPE including bottles, flasks and caps.
- **PP – Bottles, flasks and other hard packaging (011-01):** applies for hard packaging elements consisting of PP, including bottles, flasks and caps.
- **PS – Hard packaging, with exception of EPS (011-02):** applies for hard packaging elements consisting exclusively of PS, except for EPS (styrofoam) for which the category 'valorised 014' applies.
- **PE – Films (011-07):** applies for flexible packaging elements of PE.
- **Other Plastics – Films (011-09):** applies for other flexible packaging elements consisting exclusively of plastic, other than exclusively PE, except for compostable plastic packaging and aluminium film laminated plastic, both for which the 'valorised 014' category applies.

VALORISED

- **PET – Bottles and flasks – Opaque (011-06):** applies for bottles and flasks in non-transparent PET.
- **Other Plastics – Hard packaging, with exception of EPS and compostable (011-08):** applies for hard packaging elements consisting exclusively of plastic that do not fall under the previous material categories. This includes e.g. non-transparent PET trays and hard plastic packaging consisting of various types of polymers.
- **Category 012 to 016:** applies for all packaging elements that do not fall under the application conditions of the previous material categories, but are valorised:
 - **012:** composite packaging in which paper-cardboard accounts for the greatest weight (total paper fibre < 85%).
 - **013:** Packaging made of aluminium thinner than 50µ.
 - **014:** Other packaging – whether or not composite – where plastic accounts for the greatest weight, e.g.
 - » Laminated plastic packaging with an aluminium film
 - » EPS (styrofoam), packaging from other types of plastic (eg PVC) and compostable plastics
 - **016:** Wood, cork, textile, ...

NON-VALORISED

- **Category 017 to 019:** applies for all packaging elements that do not fall under the application conditions of the previous material categories:
 - **017:** Composite packaging in which glass accounts for the greatest weight, e.g. packaging in pyrex, crystal or opal glass that contains more than 600 ppm fluorine
 - **018:** Composite packaging in which steel accounts for the greatest weight
 - **019:** Pottery, ceramics, porcelain, ...



Rates for fixed price declaration

As from the return year 2022, a surcharge of 15% will be charged for using the fixed price declaration. The posted rates in this list **include** the 15% surcharge

Description product family	Code product family	Contribution per consumer unit in EUR excl VAT and incl.15% surcharge
Food	A	
Spreads, jams and honey	A1	0,0102
Fruit and vegetables (fresh, frozen, canned and prepared)	A2	0,0093
Biscuits, pastry, bread, pasta and similar products	A3	0,0112
Coffee, tea and other instant drinks	A4	0,0136
Oils and fats	A5	0,0088
Sugar, confectionary, chocolate and similar products	A6	0,0081
Soups and ready-made dishes	A7	0,0165
Sauces and spices	A8	0,0086
Meat and fish (fresh, frozen, canned and prepared)	A9	0,0164
Dairy products (excluding drinks), butter, cheese and similar products	A10	0,0118
Other food products (e.g. savoury biscuits, crisps, vinegar, soya-based products,...)	A11	0,0124
Drinks	B	
Beer	B1	0,0042
Fruit and vegetable juice	B2	0,0145
Milk	B3	0,0168
Sodas, colas, lemonades and syrups	B4	0,0057
Spirits, aperitifs and brandies	B5	0,0227
Wines, champagnes, sparkling wines and ciders	B6	0,0399
Waters	B7	0,0103
Cleaning and maintenance	C	
Cleaning and maintenance products	C1	0,0367
Accessories for cleaning and maintenance products (e.g. brush, mop, bucket, sponge,...)	C2	0,0069
Body, hair and dental care	D	
Hair care products	D1	0,0295
Body and dental care products	D2	0,0194
Accessories for body, hair and dental care products (e.g. toilet paper, paper tissues, toothbrush, hair brush)	D3	0,0106
Pharmaceutical products	E	
Medicine (including products for veterinary surgeons, dentists, physiotherapists,...)	E1	0,0142
Garden items	F	
Flowers, plants, seeds, and garden products (e.g. fertilizers, compost,...)	F1	0,0345
Tools and accessories for gardening (e.g. pots, parasol, barbecue,...) and camping	F2	0,0261
Do-it-yourself	G	
Tools and general hardware (e.g. screws, bolts,...)	G1	0,0108
Miscellaneous DIY items (e.g. paint brushes, joinery items, cement < 10 kg / 10l,...)	G4	0,0097



Description product family	Code product family	Contribution per consumer unit in EUR excl VAT and incl.15% surcharge
Clothing, shoes, textiles and accessories	H	
Clothing, shoes, textile (e.g. bed, table and kitchen linen, rug, travel bag,...), leather goods (e.g. bag, purse, belt,...) and accessories (e.g. sewing accessories,...)	H1	0,0071
Electrical appliances	I	
Large electrical appliances (e.g. television, hi-fi system, video, fridge, washing machine,...)	I1	0,0880
Small electrical appliances (e.g. radio, telephone, pocket calculator, pocket agenda, game console, camera, coffee machine, blender,...)	I2	0,0374
Accessories for electrical appliances and similar products (e.g. light bulbs, batteries, films for cameras, CDs, extension leads,...)	I3	0,0063
Interior fittings	J	
Kitchen implements, tableware, home decoration articles (e.g. cutlery, table accessories, vases, serviettes, decoration articles,...)	J1	0,0078
Indoor and outdoor furniture and accessories (e.g. slatted bed base, mattress,...)	J2	0,0474
Light fittings (including torches)	J3	0,0177
Animals	K	
Feed, care products and accessories for animals (e.g. toys, cat litter,...)	K1	0,0140
Miscellaneous	Z	
Matches, lighters	Z1	0,0099
Jewellery, watches	Z2	0,0044
Newspapers, magazines and books	Z3	0,0064
Commercial gifts and promotional articles	Z4	0,0067
Tobacco (e.g. cigarettes, cigars, cigarillos, loose tobacco, pipe,...)	Z5	0,0073
Toys (excluding electronic games) and musical instruments	Z6	0,0105
Sport articles, bike and moped accessories (excluding clothing)	Z7	0,0159
Drawing, writing and DIY implements	Z8	0,0135
Dispatch packaging (e.g. internetsales, mail order,...)	Z9	0,0088
Drinks in reusable packaging	B	
Beer (reusable packaging)	B10	0,0000
Fruit and vegetable juice (reusable packaging)	B20	0,0000
Milk (reusable packaging)	B30	0,0000
Sodas, colas, lemonades and syrups (reusable packaging)	B40	0,0000
Spirits, aperitifs and brandies (reusable packaging)	B50	0,0000
Wines, champagnes, sparkling wines and ciders (reusable packaging)	B60	0,0000
Waters (reusable packaging)	B70	0,0000

Rates for press and publishers

Reference	Description of packaging, expressed in grams/unit	Rate per hundred units (in €)
PACKAGING IN PAPER AND/OR CARDBOARD		
1	Unit weight below 1 g	0,0050
2	Unit weight between 1 g and 2 g	0,0151
3	Unit weight between 2 g and 3 g	0,0252
4	Unit weight between 3 g and 4 g	0,0352
5	Unit weight between 4 g and 5 g	0,0453
6	Unit weight between 5 g and 10 g	0,0755
7	Unit weight between 10 g and 15 g	0,1259
8	Unit weight between 15 g and 20 g	0,1762
9	Unit weight between 20 g and 25 g	0,2266
10	Unit weight between 25 g and 30 g	0,2769
11	Unit weight between 30 g and 35 g	0,3273
12	Unit weight between 35 g and 40 g	0,3776
13	Unit weight between 40 g and 45 g	0,4280
14	Unit weight between 45 g and 50 g	0,4783
15	Unit weight between 50 g and 60 g	0,5539
16	Unit weight between 60 g and 70 g	0,6546
17	Unit weight between 70 g and 80 g	0,7553
18	Unit weight between 80 g and 90 g	0,8560
19	Unit weight between 90 g and 100 g	0,9567
20	Unit weight between 100 g and 110 g	1,0574
21	Unit weight between 110 g and 120 g	1,1581
22	Unit weight between 120 g and 130 g	1,2588
23	Unit weight between 130 g and 140 g	1,3595
24	Unit weight between 140 g and 150 g	1,4602
PACKAGING IN PLASTIC		
25	Unit weight below 1 g	0,0482
26	Unit weight between 1 g and 2 g	0,1445
27	Unit weight between 2 g and 3 g	0,2408
28	Unit weight between 3 g and 4 g	0,3372
29	Unit weight between 4 g and 5 g	0,4335
30	Unit weight between 5 g and 6 g	0,5298
31	Unit weight between 6 g and 7 g	0,6262
32	Unit weight between 7 g and 8 g	0,7225
33	Unit weight between 8 g and 9 g	0,8189
34	Unit weight between 9 g and 10 g	0,9152
35	Unit weight between 10 g and 11 g	1,0115
36	Unit weight between 11 g and 12 g	1,1079
37	Unit weight between 12 g and 13 g	1,2042
38	Unit weight between 13 g and 14 g	1,3005
39	Unit weight between 14 g and 15 g	1,3969
40	Unit weight between 15 g and 16 g	1,4932



Rates for wines and distilled beverages

Reference	Category	Contribution per unit in EUR excl.
Sparkling wine		
1	< 375 ml	0,0120
2	= 375 ml	0,0379
3	= 750 ml	0,0500
4	= 1500 ml	0,0920
5	> 1500 ml	0,1773
Cider		
6	all volumes	0,0426
Wine		
7	< 250 ml	0,0067
8	= 250 ml	0,0099
9	= 375 ml	0,0160
10	= 500 ml	0,0219
11	= 750 ml	0,0274
12	= 1 L	0,0275
13	> 1L	0,0494
Alcoholic beverages and intermediate		
14	< 200 ml	0,0036
15	= 200 ml	0,0139
16	= 350 ml	0,0219
17	= 375 ml	0,0191
18	= 500 ml	0,0209
19	= 700 ml	0,0227
20	= 750 ml	0,0242
21	= 1000 ml	0,0281
22	= 1500 ml	0,0349
23	> 1500 ml	0,0651
Stone vessels		
24	all volumes	1,8347
Cubi - Bag in box - transparant plastic bag		
25	= 3L	0,0805
26	= 5L	0,0649
27	= 10L	0,1249
Cubi - Bag in box - aluminised plastic bag		
28	= 3L	0,0843
29	= 5L	0,1043
30	= 10L	0,1566
Aluminum cans for alcoholic beverages and intermediate		
31	= 200 ml	0,0004
32	= 250 ml	0,0004
33	= 330 ml	0,0005



Reference	Category	Contribution per unit in EUR excl.
PET bottles for alcoholic beverages and intermediate		
34	= 50 ml	0,0033
35	= 200 ml	0,0072
36	= 750 ml	0,0114
Outer packaging		
37	Wooden Box 1 bottle	0,7821
38	Wooden Box 2 bottles	1,5641
39	Wooden Box 3 bottles	2,0855
40	Cardboard box 1 bottle	0,0111
41	Cardboard box 2 bottles	0,0211
42	Cardboard box 3 bottles	0,0312
43	Steel Box 1 bottle	0,0208



Rates for e-commerce

There is a 10% surcharge for using the e-commerce declaration.
The posted rates in this list **include** the 10% surcharge.

Type of package	Volume	Contribution per package in EUR excluding VAT and incl. 10% surcharge
Small	< 40 L	0,0585
Medium	40 - 90 L	0,1396
Large	> 90 L	0,1901

Rates for carrier bags

Category	Subcategory	Contribution per consumer unit in EUR excluding VAT
compostable plastics	one-way, <15µ	0,0046
compostable plastics	one-way, ≥15µ en <25µ	0,0158
compostable plastics	one-way, ≥25µ en <35µ	0,0332
compostable plastics	one-way, ≥35µ en <50µ	0,0539
compostable plastics	one-way, ≥50µ	0,0427
HDPE or (L)LDPE	one-way, <15µ	0,0023
HDPE or (L)LDPE	one-way, ≥15µ en <25µ	0,0079
HDPE or (L)LDPE	one-way, ≥25µ en <35µ	0,0165
HDPE or (L)LDPE	one-way, ≥35µ en <50µ	0,0268
HDPE or (L)LDPE	one-way, ≥50µ	0,0212
HDPE or (L)LDPE	reusable bag with take-back	0,0000

Note: the fees mentioned in the tables are shown to four decimal places. For billing purposes, six digits are used. Small rounding differences may therefore occur if you calculate your contribution yourself.



> Your contacts at Fost Plus

Fost Plus is available to answer all your questions

General

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Increase the recyclability of your packaging: prevention@fostplus.be.

Bosnia and Herzegovina – Ekopak

Packaging fees for 2022

Packaging material	Compliance Costs* (BAM /ton)
Glass	25
Metal	18
Paper	25
Plastic	35
Wood	16
Multilayer, and/or other materials	30
Packaging containing and /or contaminated by hazardous materials	550

* VAT 17% is not included

1 EUR = 1,95583 BAM

Note: Clients of Ekopak can reduce costs up to 5% through the loyalty program

Green Dot fees for 2022

Packaging material	Green Dot Fees* (BAM/ton)
Glass	10,20
Metal	7,50
Paper	10,20
Plastic	14,20
Wood	7,40
Multilayer and other materials	12,40
Packaging containing and /or contaminated by hazardous materials	140,00

* VAT 17% is not included

1 EUR = 1,95583 BAM

Bulgaria – EcoPack Bulgaria

As of 01.01.2021 (also valid for 2022) the license fees and discounts are, as follows:

Material	Base Fee	After 10% discount for timely report submission (15 th day of the month)	After additional 20% discount for timely payment (25 th day of the month)
Plastics	0.175	0.1575	0.126
Paper and Cardboard	0.160	0.144	0.115
Glass	0.185	0.1665	0.133
Steel	0.079	0.071	0.057
Aluminum	0.089	0.080	0.064
Composites	0.194	0.175	0.140
Wood	0.098	0.088	0.071
Others	0.259	0.233	0.186
<p><i>Fees are in BGN, per kilogram, excluding VAT and including Green Dot fee</i></p> <p><i>Indicated fee discounts apply only for reported quantities in excess of 10 tons per annum.</i></p> <p><i>Minimum annual fee for 1 obliged company BGN 150, excluding VAT</i></p> <p>1EUR = 1,95583 BGN</p>			

Green Dot separate license fees – for non-clients of ECOPACK

No	Packaging Material	Basic Fee Rate (lev/kg)
1	Plastic	0,00251
2	Paper, cardboard, corrugated cardboard	0,00179
3	Glass	0,00096
4	Steel	0,00066
5	Aluminum	0,00230
6	Composite Materials	0,00310
7	Wood	0,00099
8	Other	0,00414
<p><i>Fees are in BGN, per kilogram, excluding VAT</i></p> <p><i>Minimum annual fee for 1 obliged company BGN 3, excluding VAT</i></p> <p>1EUR = 1,95583 BGN</p>		



Croatia – Eko-Ozra

The Environmental Protection and Energy Efficiency Fund (EPEEF)

Fee for all the packaging

Waste disposal fee by the type of materials and weight

material		kn / t
PET		410,00
AL cans		410,00
FE cans		225,00
Paper, cardboard		375,00
Multilayered (composite) packaging with predominantly paper – cardboard component	for drinks	410,00
	other	750,00
Wood		150,00
Textile		150,00
Plastic bags		1.500,00
Other polymeric materials		750,00
Other polymeric materials (milk and dairy products)		410,00
Glass		150,00

Other fees for beverage packaging - volumes $\geq 0,2$ L (PET, AL, Fe, glass)

- Waste disposal fee per packaging 0,10kn
- Refundable fee 0,50kn per packaging

From 01.07.2021. milk and dairy products – volumes $\geq 0,2$ L

- Waste disposal fee per packaging 0,02kn
- Refundable fee 0,50kn per packaging



Fee for the usage of the Green Dot trademark (charged by Eko-Ozra) stays the same (mechanism of its calculation as well)

- small companies* pay fixed fee of 7.000 kn per year
- medium companies* pay fixed fee of 12.000 kn per year
- large companies pay* fixed fee of 24.000 kn per year
-

**Size of the company-user is determined based on Croatian Chamber of Economy Registrar.*

Cyprus - Green Dot

Fees 2022

Material	EUR per tonne
Household Packaging	
Glass	27.61
Carton	44.78
Metal	90.62
Aluminum	20.31
PET	100.59
HDPE	100.59
Cardboard Liquid Containers	116.61
Other reusable	124.49
Other non-reusable	149.41
Commercial/Industrial Packaging	
Corrugated carton	41.14
Plastic	36.04
Wood	11.8
Other	47.75

Czech Republic - EKO-KOM

Remuneration structure for ensuring compliance with the obligation to take-back and recovery of packaging waste through the EKO-KOM

Sales one-way packaging ¹⁾

Valid from 1st January 2022			Non-beverage			Beverage		
			Soft, flexible	Rigid, hollow rigid		Soft, flexible	Rigid, hollow rigid	
				up to 3 L	above 3 L		up to 3 L	above 3 L
Plastics	PET	clear transparent	11 910 CZK / t	10 170 CZK / t	10 170 CZK / t	11 910 CZK / t	3 970 CZK / t	3 970 CZK / t
		coloured transparent	11 910 CZK / t	10 170 CZK / t	10 170 CZK / t	11 910 CZK / t	8 820 CZK / t	8 820 CZK / t
		coloured opaque	11 910 CZK / t	10 170 CZK / t	10 170 CZK / t	11 910 CZK / t	9 880 CZK / t	9 880 CZK / t
	PE	clear transparent	11 910 CZK / t	10 170 CZK / t	10 170 CZK / t	11 910 CZK / t	10 170 CZK / t	10 170 CZK / t
		colour	11 910 CZK / t	10 170 CZK / t	10 170 CZK / t	11 910 CZK / t	10 170 CZK / t	10 170 CZK / t
	PP	clear transparent	11 910 CZK / t	10 170 CZK / t	10 170 CZK / t	11 910 CZK / t	10 170 CZK / t	10 170 CZK / t
		colour	11 910 CZK / t	10 170 CZK / t	10 170 CZK / t	11 910 CZK / t	10 170 CZK / t	10 170 CZK / t
	PS	clear transparent	11 910 CZK / t	10 170 CZK / t	10 170 CZK / t	11 910 CZK / t	10 170 CZK / t	10 170 CZK / t
		colour	11 910 CZK / t	10 170 CZK / t	10 170 CZK / t	11 910 CZK / t	10 170 CZK / t	10 170 CZK / t
	XPS	clear transparent	11 910 CZK / t	11 530 CZK / t	11 530 CZK / t	11 910 CZK / t	11 530 CZK / t	11 530 CZK / t
		colour	11 910 CZK / t	11 530 CZK / t	11 530 CZK / t	11 910 CZK / t	11 530 CZK / t	11 530 CZK / t
	EPS	clear transparent	11 910 CZK / t	11 530 CZK / t	11 530 CZK / t	11 910 CZK / t	11 530 CZK / t	11 530 CZK / t
		colour	11 910 CZK / t	11 530 CZK / t	11 530 CZK / t	11 910 CZK / t	11 530 CZK / t	11 530 CZK / t
	PVC	clear transparent	11 910 CZK / t	10 170 CZK / t	10 170 CZK / t	11 910 CZK / t	10 170 CZK / t	10 170 CZK / t
		colour	11 910 CZK / t	10 170 CZK / t	10 170 CZK / t	11 910 CZK / t	10 170 CZK / t	10 170 CZK / t
	Others	clear transparent	11 910 CZK / t	10 170 CZK / t	10 170 CZK / t	11 910 CZK / t	10 170 CZK / t	10 170 CZK / t
		colour	11 910 CZK / t	10 170 CZK / t	10 170 CZK / t	11 910 CZK / t	10 170 CZK / t	10 170 CZK / t
	Biodegradable	clear transparent	11 910 CZK / t	10 170 CZK / t	10 170 CZK / t	11 910 CZK / t	10 170 CZK / t	10 170 CZK / t
		colour	11 910 CZK / t	10 170 CZK / t	10 170 CZK / t	11 910 CZK / t	10 170 CZK / t	10 170 CZK / t
	Composite	clear transparent	11 910 CZK / t	10 170 CZK / t	10 170 CZK / t	11 910 CZK / t	10 170 CZK / t	10 170 CZK / t
		colour	11 910 CZK / t	10 170 CZK / t	10 170 CZK / t	11 910 CZK / t	10 170 CZK / t	10 170 CZK / t
Metals	Al		4 440 CZK / t	4 440 CZK / t	4 440 CZK / t	4 440 CZK / t	4 440 CZK / t	4 440 CZK / t
	Fe		2 990 CZK / t	2 990 CZK / t	2 990 CZK / t	2 990 CZK / t	2 990 CZK / t	2 990 CZK / t
	Composite Al		4 440 CZK / t	4 440 CZK / t	4 440 CZK / t	4 440 CZK / t	4 440 CZK / t	4 440 CZK / t
	Composite Fe		2 990 CZK / t	2 990 CZK / t	2 990 CZK / t	2 990 CZK / t	2 990 CZK / t	2 990 CZK / t
Beverage carton				8 660 CZK / t	8 660 CZK / t		8 660 CZK / t	8 660 CZK / t
Composite material			13 430 CZK / t	13 430 CZK / t	13 430 CZK / t	13 430 CZK / t	13 430 CZK / t	13 430 CZK / t

		Non-beverage	Beverage
Glass	Clear transparent	2 850 CZK / t	2 850 CZK / t
	Colour	2 850 CZK / t	2 850 CZK / t
	Composite	2 850 CZK / t	2 850 CZK / t
Paper	Paper	4 010 CZK / t	4 010 CZK / t
	Paperboard	4 010 CZK / t	4 010 CZK / t
	Corrugated board	3 820 CZK / t	3 820 CZK / t
	Moulded fibre	4 010 CZK / t	4 010 CZK / t
	Composite	4 010 CZK / t	4 010 CZK / t
Wood	Wood and chipboard	1 930 CZK / t	1 930 CZK / t
	Composite with nonwood parts	1 930 CZK / t	1 930 CZK / t
Textile		1 970 CZK / t	1 970 CZK / t
Others		13 430 CZK / t	13 430 CZK / t

Fee discount upon fulfilment of the conditions based on Part III of the Article VI., Paragraph 7 of the Contract on Collective Compliance.	500 CZK / year
Fee under the Contract on Collective Compliance of Part III., Article VI, valid from 1.1. 2011.	1 600 CZK / year

All prices are without VAT. We accept payments in CZK only.

¹⁾ Packaging that does not meet the criteria of Section 13 Par. 3 of Act No. 477/2001 Coll.



**Remuneration structure for ensuring compliance with the obligation
to take-back and recovery of packaging waste through the EKO-KOM**

Group and transport one-way packaging ¹⁾

Valid from 1st January 2022			Non-beverage				Beverage			
			Group packaging		Transport packaging		Group packaging		Transport packaging	
			Soft, flexible	Rigid, hollow rigid	Soft, flexible	Rigid, hollow rigid	Soft, flexible	Rigid, hollow rigid	Soft, flexible	Rigid, hollow rigid
Plastics	PET	clear transparent	910 CZK / t	910 CZK / t	910 CZK / t	910 CZK / t	910 CZK / t	910 CZK / t	910 CZK / t	910 CZK / t
		colour	910 CZK / t	910 CZK / t	910 CZK / t	910 CZK / t	910 CZK / t	910 CZK / t	910 CZK / t	910 CZK / t
	PE	clear transparent	910 CZK / t	910 CZK / t	910 CZK / t	910 CZK / t	910 CZK / t	910 CZK / t	910 CZK / t	910 CZK / t
		colour	910 CZK / t	910 CZK / t	910 CZK / t	910 CZK / t	910 CZK / t	910 CZK / t	910 CZK / t	910 CZK / t
	PP	clear transparent	910 CZK / t	910 CZK / t	910 CZK / t	910 CZK / t	910 CZK / t	910 CZK / t	910 CZK / t	910 CZK / t
		colour	910 CZK / t	910 CZK / t	910 CZK / t	910 CZK / t	910 CZK / t	910 CZK / t	910 CZK / t	910 CZK / t
	PS	clear transparent	910 CZK / t	910 CZK / t	910 CZK / t	910 CZK / t	910 CZK / t	910 CZK / t	910 CZK / t	910 CZK / t
		colour	910 CZK / t	910 CZK / t	910 CZK / t	910 CZK / t	910 CZK / t	910 CZK / t	910 CZK / t	910 CZK / t
	XPS	clear transparent	910 CZK / t	910 CZK / t	910 CZK / t	910 CZK / t	910 CZK / t	910 CZK / t	910 CZK / t	910 CZK / t
		colour	910 CZK / t	910 CZK / t	910 CZK / t	910 CZK / t	910 CZK / t	910 CZK / t	910 CZK / t	910 CZK / t
	EPS	clear transparent	910 CZK / t	910 CZK / t	910 CZK / t	910 CZK / t	910 CZK / t	910 CZK / t	910 CZK / t	910 CZK / t
		colour	910 CZK / t	910 CZK / t	910 CZK / t	910 CZK / t	910 CZK / t	910 CZK / t	910 CZK / t	910 CZK / t
	PVC	clear transparent	910 CZK / t	910 CZK / t	910 CZK / t	910 CZK / t	910 CZK / t	910 CZK / t	910 CZK / t	910 CZK / t
		colour	910 CZK / t	910 CZK / t	910 CZK / t	910 CZK / t	910 CZK / t	910 CZK / t	910 CZK / t	910 CZK / t
	Others	clear transparent	910 CZK / t	910 CZK / t	910 CZK / t	910 CZK / t	910 CZK / t	910 CZK / t	910 CZK / t	910 CZK / t
		colour	910 CZK / t	910 CZK / t	910 CZK / t	910 CZK / t	910 CZK / t	910 CZK / t	910 CZK / t	910 CZK / t
Biodegradable	clear transparent	910 CZK / t	910 CZK / t	910 CZK / t	910 CZK / t	910 CZK / t	910 CZK / t	910 CZK / t	910 CZK / t	
	colour	910 CZK / t	910 CZK / t	910 CZK / t	910 CZK / t	910 CZK / t	910 CZK / t	910 CZK / t	910 CZK / t	
Composite	clear transparent	910 CZK / t	910 CZK / t	910 CZK / t	910 CZK / t	910 CZK / t	910 CZK / t	910 CZK / t	910 CZK / t	
	colour	910 CZK / t	910 CZK / t	910 CZK / t	910 CZK / t	910 CZK / t	910 CZK / t	910 CZK / t	910 CZK / t	
Metals	Al		810 CZK / t	810 CZK / t	810 CZK / t	810 CZK / t	810 CZK / t	810 CZK / t	810 CZK / t	810 CZK / t
	Fe		810 CZK / t	810 CZK / t	810 CZK / t	810 CZK / t	810 CZK / t	810 CZK / t	810 CZK / t	810 CZK / t
	Composite Al		810 CZK / t	810 CZK / t	810 CZK / t	810 CZK / t	810 CZK / t	810 CZK / t	810 CZK / t	810 CZK / t
	Composite Fe		810 CZK / t	810 CZK / t	810 CZK / t	810 CZK / t	810 CZK / t	810 CZK / t	810 CZK / t	810 CZK / t
Composite material			1 080 CZK / t	1 080 CZK / t	1 080 CZK / t	1 080 CZK / t	1 080 CZK / t	1 080 CZK / t	1 080 CZK / t	1 080 CZK / t

		Non-beverage		Beverage	
		Group packaging	Transport packaging	Group packaging	Transport packaging
Paper	Paper	510 CZK / t	510 CZK / t	510 CZK / t	510 CZK / t
	Paperboard	510 CZK / t	510 CZK / t	510 CZK / t	510 CZK / t
	Corrugated board	510 CZK / t	510 CZK / t	510 CZK / t	510 CZK / t
	Moulded fibre	510 CZK / t	510 CZK / t	510 CZK / t	510 CZK / t
	Composite	510 CZK / t	510 CZK / t	510 CZK / t	510 CZK / t
Wood	Wood and chipboard	545 CZK / t	545 CZK / t	545 CZK / t	545 CZK / t
	Composite with nonwood parts	545 CZK / t	545 CZK / t	545 CZK / t	545 CZK / t
Textile		545 CZK / t	545 CZK / t	545 CZK / t	545 CZK / t
Others		1 080 CZK / t	1 080 CZK / t	1 080 CZK / t	1 080 CZK / t

All prices are without VAT. We accept payments in CZK only.

1) Packaging that does not meet the criteria of Section 13 Par. 3 of Act No. 477/2001 Coll.

**Remuneration structure for ensuring compliance with the obligation
to take-back and recovery of packaging waste through the EKO-KOM**

Industrial one-way packaging ¹⁾

Valid from 1st January 2022			Industrial packaging			
			Non-beverage		Beverage	
			Soft, flexible	Rigid, hollow rigid	Soft, flexible	Rigid, hollow rigid
Plastics	PET	clear transparent	910 CZK / t	910 CZK / t	910 CZK / t	910 CZK / t
		colour	910 CZK / t	910 CZK / t	910 CZK / t	910 CZK / t
	PE	clear transparent	910 CZK / t	910 CZK / t	910 CZK / t	910 CZK / t
		colour	910 CZK / t	910 CZK / t	910 CZK / t	910 CZK / t
	PP	clear transparent	910 CZK / t	910 CZK / t	910 CZK / t	910 CZK / t
		colour	910 CZK / t	910 CZK / t	910 CZK / t	910 CZK / t
	PS	clear transparent	910 CZK / t	910 CZK / t	910 CZK / t	910 CZK / t
		colour	910 CZK / t	910 CZK / t	910 CZK / t	910 CZK / t
	XPS	clear transparent	910 CZK / t	910 CZK / t	910 CZK / t	910 CZK / t
		colour	910 CZK / t	910 CZK / t	910 CZK / t	910 CZK / t
	EPS	clear transparent	910 CZK / t	910 CZK / t	910 CZK / t	910 CZK / t
		colour	910 CZK / t	910 CZK / t	910 CZK / t	910 CZK / t
	PVC	clear transparent	910 CZK / t	910 CZK / t	910 CZK / t	910 CZK / t
		colour	910 CZK / t	910 CZK / t	910 CZK / t	910 CZK / t
	Others	clear transparent	910 CZK / t	910 CZK / t	910 CZK / t	910 CZK / t
		colour	910 CZK / t	910 CZK / t	910 CZK / t	910 CZK / t
	Biodegradable	clear transparent	910 CZK / t	910 CZK / t	910 CZK / t	910 CZK / t
		colour	910 CZK / t	910 CZK / t	910 CZK / t	910 CZK / t
	Composite	clear transparent	910 CZK / t	910 CZK / t	910 CZK / t	910 CZK / t
		colour	910 CZK / t	910 CZK / t	910 CZK / t	910 CZK / t
Metals	Al		810 CZK / t	810 CZK / t	810 CZK / t	810 CZK / t
	Fe		810 CZK / t	810 CZK / t	810 CZK / t	810 CZK / t
	Composite Al		810 CZK / t	810 CZK / t	810 CZK / t	810 CZK / t
	Composite Fe		810 CZK / t	810 CZK / t	810 CZK / t	810 CZK / t
Composite material			1 080 CZK / t	1 080 CZK / t	1 080 CZK / t	1 080 CZK / t

		Non-beverage	Beverage
Glass	Clear transparent	2 850 CZK / t	2 850 CZK / t
	Colour	2 850 CZK / t	2 850 CZK / t
	Composite	2 850 CZK / t	2 850 CZK / t
Paper	Paper	510 CZK / t	510 CZK / t
	Paperboard	510 CZK / t	510 CZK / t
	Corrugated board	510 CZK / t	510 CZK / t
	Moulded fibre	510 CZK / t	510 CZK / t
	Composite	510 CZK / t	510 CZK / t
Wood	Wood and chipboard	545 CZK / t	545 CZK / t
	Composite with nonwood parts	545 CZK / t	545 CZK / t
Textile		545 CZK / t	545 CZK / t
Others		1 080 CZK / t	1 080 CZK / t

All prices are without VAT. We accept payments in CZK only.

1) Packaging that does not meet the criteria of Section 13 Par. 3 of Act No. 477/2001 Coll.

**Remuneration structure for ensuring compliance with the obligation
to take-back and recovery of packaging waste through the EKO-KOM**

Reusable packaging ²⁾

Sales packaging						
Valid from 1st January 2022	Non-beverage			Beverage		
	Soft, flexible	Rigid, hollow rigid		Soft, flexible	Rigid, hollow rigid	
		up to 3 L	above 3 L		up to 3 L	above 3 L
Plastics	0 CZK / t	0 CZK / t	0 CZK / t	0 CZK / t	0 CZK / t	0 CZK / t
Metals	0 CZK / t	0 CZK / t	0 CZK / t	0 CZK / t	0 CZK / t	0 CZK / t
Composite material	0 CZK / t	0 CZK / t	0 CZK / t	0 CZK / t	0 CZK / t	0 CZK / t
	Non-beverage		Beverage			
Glass	0 CZK / t		0 CZK / t			
Paper	0 CZK / t		0 CZK / t			
Wood	0 CZK / t		0 CZK / t			
Textile	0 CZK / t		0 CZK / t			
Others	0 CZK / t		0 CZK / t			

Group and transport packaging								
Valid from 1st January 2022	Non-beverage				Beverage			
	Group packaging		Transport packaging		Group packaging		Transport packaging	
	Soft, flexible	Rigid, hollow rigid	Soft, flexible	Rigid, hollow rigid	Soft, flexible	Rigid, hollow rigid	Soft, flexible	Rigid, hollow rigid
Plastics	0 CZK / t	0 CZK / t	0 CZK / t	0 CZK / t	0 CZK / t	0 CZK / t	0 CZK / t	0 CZK / t
Metals	0 CZK / t	0 CZK / t	0 CZK / t	0 CZK / t	0 CZK / t	0 CZK / t	0 CZK / t	0 CZK / t
Composite material	0 CZK / t	0 CZK / t	0 CZK / t	0 CZK / t	0 CZK / t	0 CZK / t	0 CZK / t	0 CZK / t
Valid from 1st January 2022	Non-beverage		Beverage					
	Group packaging	Transport packaging	Group packaging	Transport packaging				
Paper	0 CZK / t	0 CZK / t	0 CZK / t	0 CZK / t				
Wood	0 CZK / t	0 CZK / t	0 CZK / t	0 CZK / t				
Textile	0 CZK / t	0 CZK / t	0 CZK / t	0 CZK / t				
Others	0 CZK / t	0 CZK / t	0 CZK / t	0 CZK / t				

Industrial packaging				
Valid from 1st January 2022	Non-beverage		Beverage	
	Soft, flexible	Rigid, hollow rigid	Soft, flexible	Rigid, hollow rigid
Plastics	0 CZK / t	0 CZK / t	0 CZK / t	0 CZK / t
Metals	0 CZK / t	0 CZK / t	0 CZK / t	0 CZK / t
Composite material	0 CZK / t	0 CZK / t	0 CZK / t	0 CZK / t
	Non-beverage		Beverage	
Glass	0 CZK / t		0 CZK / t	
Paper	0 CZK / t		0 CZK / t	
Wood	0 CZK / t		0 CZK / t	
Textile	0 CZK / t		0 CZK / t	
Others	0 CZK / t		0 CZK / t	

All prices are without VAT. We accept payments in CZK only.

²⁾ Packaging that meets the criteria of Section 13 Par. 3 of Act No. 477/2001 Coll.

Estonia – ETO

ETO SERVICE Fees for 2022

		Service fee euro/t	Recycling rate %	Final cost eur
Sales packaging	Glass and ceramics	102	70	71,4
	Paper and carton, including beverage carton	105	70	73,5
	Plastic	409	55	224,95
	Metal	256	60	153,6
	Wood	41	45	18,45
Transport and gruoup packaging	Paper, carton, corrugated board	93	70	65,1
	Plastic	109	55	59,95
	Metal	128	60	76,8
	Wood	41	45	18,45

ETO Client must pay :

100% of the quantity placed on the market and declared to ETO X % of recycling rate = final cost

VAT will be added to the service fees in amount of 20%

ETO Estonia has quite a unique fee calculation system where packaging companies will not pay for 100% of the packaging brought to the Estonian market, but only to the extent of minimum recycling target rate.

For example, ETO fee for 1 ton of primary glass packaging is €102,-/t but a producer, who has been bringing 1 ton of glass packaging to the Estonian market will not have to pay 102 EUR but only 70% of it (which is the minimum required recycling rate), which is €71,4.

ETO's [demo calculator](#) helps to better understand the principle.

For further details please contact eto@eto.ee or visit <https://www.eto.ee/en/>

France – Citeo

We communicate you the 2022 rate [subject to the formal agreement of the public authorities](#) on the proposals of eco-modulation. If changes or new eco-modulations were to come into force, they could lead to an update of the 2022 rate.

The 2022 rate list

There are 3 types of declaration, choose the one most adapted to your situation in 2022 according to your number of Consumer Sales Units (CSU)*.

DECLARATIONS AND FLAT RATE



DECLARATION PER CSU
Declaring CSUs placed on the market, shown by weight and by material



THE SECTOR-SPECIFIC DECLARATION
Declaring by product family.
This option is available to customers who place less than 500,000 CSUs on the French market per year.



THE €80 FLAT RATE
Customers who place less than 10,000 CSUs on the French market

If your annual contribution due is less than €80 exc. VAT, you will be charged the minimum rate of €80 exc. VAT.

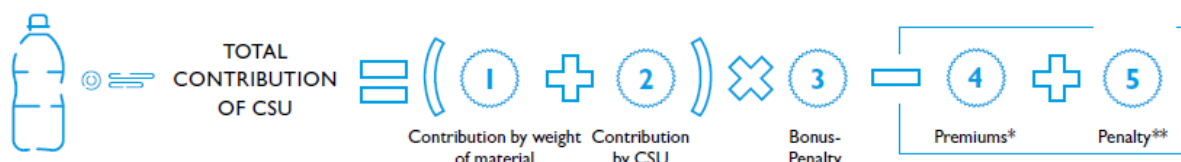
Following the decision of the French Conseil d'Etat on March 15, 2021, the elements presented on the Green Dot penalty are subject to suspension until the decision on the substance of the French Conseil d'Etat. See page 11 for more details.

***A Consumer Sales Unit (CSU) is a unit of packaged product which a consumer can buy separately from others.**

Example: one pack of 4 yoghurts, one television, one bottle of water, one promotional pack of 2 shampoos, one shipping package, etc.
A CSU can be composed of different elements of different materials.

Declaration per csu (Consumer Sales Unit)

Calculation method



* Premiums for integration of recycled materials

** If the CSU carries a Green Dot or confusing sign or marking (see page 11 for details on the suspension of the Green Dot penalty).

1 Contribution by weight of material

- A differentiated rate for each of the 15 families of materials following:

Codes	MATÉRIAUX	Tarif en ct €/kg
1	Steel	4.72
2	Aluminium	12.57
Paper & Cardboard		
3	Paper/cardboard	16.43
4	Brick	24.91
5	Glass	1.31
Plastic		
6.1	Bottle and vial in clear PET	32.58
6.2	Bottle and vial in coloured PET, in PE or PP	34.77
6.3	Rigid packaging in PE, PP or PET	37.43
6.4	Flexible PE packaging	40.55
6.5	PS rigid packaging	43.67
6.6	Complex packaging or other resins excluding PVC	46.79
6.7	Packaging containing PVC	62.38
Other materials		
7.1	Unprocessed materials from renewable resources and sustainably managed with recycling channel or organic recovery in development (wood, cork).	35.87
7.2	Without recycling channel and energy recoverable (textile, other materials...)	46.79
7.3	Without recycling channel and non recoverable (stoneware, porcelain, ceramics)	54.58

2 Contribution by CSU

For each CSU, the basic contribution is 0.0794 ct € adjusted according to the number of Packaging Units that make up the CSU.

Adjustment rules	Number of units per CSU	% adjusted	Price per CSU in € ct
1 unit = no modulation	1	0%	0.0794
2 to 5 units = 80% adjustment for each unit	2	70%	0.1350
	3	140%	0.1906
	4	210%	0.2461
	5	280%	0.3017
	6	330%	0.3414
6 to 10 units = 60 % adjustment for each unit	7	380%	0.3811
	8	430%	0.4208
	9	480%	0.4605
	10	530%	0.5002
	11	560%	0.5240
11 to 15 units = 40 % adjustment for each unit	12	590%	0.5479
	13	620%	0.5717
	14	650%	0.5955
	15	680%	0.6193
	16	690%	0.6273
From 16 to 20 units = 20 % adjustment for each unit	17	700%	0.6352
	18	710%	0.6431
	19	720%	0.6511
	20	730%	0.6590
	21	735%	0.6630
From 21 units = modulation of 10% for each unit	21	735%	0.6630

For CSUs composed of packaging units of less than 0.1 g, the basic contribution of these packaging units is 5% of 0.0794 ct €.

• Discount for the use of recycled/cardboard:

The weight of paper and cardboard packaging incorporating raw materials from recycling is reduced by 10% if more than 50% of the packaging's total weight consists of recycled material. To benefit from the discount, a certificate may be sent from the packaging supplier.

Focus on the plastic rates

Why this evolution on plastic rates ?

Since 2020, new plastic rates have been implemented to reflect the level of development of recycling facilities.

LEVEL OF DEVELOPMENT OF THE RECYCLING CHANNEL	TYPE OF PACKAGING	EXAMPLES OF PACKAGING	MATERIAL RATE	END OF PACKAGING LIFE	MATERIAL RATE OF THE TYPE OF PACKAGING
	Bottle and vial in clear PET	Bottle of mineral water, bottle of soda	6.1	Packaging with the most developed sector with a high take-back price	
	Bottle and vial in coloured PET, in PE or PP	Bottle of mineral water, drinks Detergent bottles, shampoos, cleaning products	6.2	Packaging including recycling facilities are well established	
	Rigid packaging in PE, PP or PET	Trays, pots	6.3	Packaging that is part of the extension of sorting instructions to all packaging (ECT) whose sectors are developing rapidly; there are already value-added outlets; the challenge is to expand them to accommodate the new deposit	
	Flexible PE packaging	Grouping film, bag of economat, bag of frozen food, cushioning for packaging	6.4	Packaging that is part of the ECT and whose the recycling channel is under development	
	PS rigid packaging	Yoghurt cup, meat tray, jar of fresh cream, egg box, TV cushioning packaging	6.5	Packaging that is part of the ECT and whose the recycling channel is at the beginning of its development with first experiments; the challenge is to find outlets value-added	
	Complex packaging or other resins excluding PVC	Package of chips, gourd of compote, PLA bottle	6.6	Packaging without an existing recycling channel but recoverable	
	Packaging containing PVC	«Berlingot» detergent, tray with cap, drug blister pack	6.7	Packaging without a recycling channel and non-recoverable in additional valuation (Solid Fuel of Recovery)	

Plastic packaging combining several resins in the body can benefit from the rate of the main resin if this combination is recognised as recyclable (green and orange columns) in the COTREP tables, 4 combinations are currently known:

- PA 3-layer barrier in rigid PET packaging
- EVOH barrier in rigid or flexible PE packaging
- EVOH barrier in PP rigid packaging
- Mixed or multilayer PE/PP rigid packaging

3

3 CUMULATIVE BONUSES AND PREMIUMS

to encourage ecodesign of packaging and raise awareness about sorting

BONUS FOR AWARENESS-RAISING

The Off-Pack bonus

⇒ A bonus of 4% on the total contribution of the CSU is granted for the following media campaigns that include a message encouraging the sorting gesture¹: TV / Radio (300 GRP minimum), display (1,000 GRP minimum), press (150 GRP minimum), digital medium with purchase of space (minimum 20% of the target with a minimum of 20 million "impressions" = number of opportunities to see the campaign).

⇒ The decree of June 29, 2021¹ on consumer information on the sorting rule for waste from products subject to the EPR principle makes it mandatory, as of January 1, 2022, to use the Triman associated with a standardized marking indicating the sorting rule. In this context, **the awareness bonuses granted for information on packaging will not be renewed in 2022.**

¹ - Media performance calculated on the basis of the French population. Target base of 15 years and + for TV, radio, display, press. Target base 18 years and + for digital.

NOTE

- CSUs subject to a disruptive penalty are not eligible for the bonus for awareness-raising.

BONUS FOR REDUCTION AT THE SOURCE

⇒ A bonus of 8% on the total contribution of the respective CSU packaging is granted for the following actions:

- Iso-material and iso-functionality weight reduction;
- Reduction in the number of packaging units in a single CSU.
- Deployment of refills.

NOTE

- These bonuses apply only to the first year that it is placed on the market.
- If multiple measures for reduction at the source are implemented for the same CSU, the bonus cannot be combined.
- CSUs subject to a disruptive penalty cannot be awarded bonus for reduction at the source.
- The refill must be made of recyclable material.

CSUs submitted with a disruptive penalty (excluding Green Dot penalty*) are not eligible for bonuses or premiums.

PROVISIONS OF THE AGECL LAW - Order of December 25, 2020

PREMIUMS FOR INCORPORATION OF RECYCLED POST-CONSUMER MATERIALS

A premium is applied to plastic packaging that incorporates **at least 10% plastic materials¹** from the recycling of household, industrial or commercial packaging. The amount of the premium is determined based on the quantity by mass of incorporated recycled materials.

The incorporation of materials recycled from household packaging may result in **an additional Premium based on the quantity by mass of materials** made from recycling certain categories of household packaging.

⇒ **Integration of recycled PET (polyethylene terephthalate) (rPET) into PET packaging:**

- A premium of €0.05/kg is applied if the rPET comes from household, industrial or commercial recycling. **Additional premiums only for rigid PET packaging such as “pots and trays”, excluding bottles and vials:** An additional premium of €0.35/kg is applied for rigid PET packaging other than bottles and vials, in particular pots or trays, if the rPET comes exclusively from the recycling of rigid household PET packaging other than bottles and vials (such as pots or trays).

⇒ **Integration of recycled PE (polyethylene) (rPE) into flexible PE packaging (mainly low-density polyethylene - LDPE):**

- A premium of €0.40/kg is applied if the rPE comes from household, industrial or commercial recycling. An additional premium of €0.15/kg is applied if the rPE comes exclusively from the recycling of household packaging.

⇒ **Integration of recycled PE (polyethylene) (rPE) into rigid PE packaging (mainly high-density polyethylene - HDPE):**

- A premium of €0.45/kg is applied if the rPE comes from household, industrial or commercial recycling.

⇒ **Integration of recycled PP (polypropylene) (rPP) into PP packaging:**

- A premium of €0.45/kg is applied if the rPP comes from household, industrial or commercial recycling.

⇒ **Integration of recycled PS (polystyrene) (rPS), including expanded polystyrene (EPS) into PS or EPS packaging:**

- A premium of €0.55/kg is applied if the rPS or recycled expanded polystyrene comes from household, industrial or commercial recycling.



NOTE

1. These materials can come from the recycling of household, industrial or commercial packaging. Packaging made from production waste (waste from adjustment, non-compliant products, shrinkage, etc.) is not eligible for these premiums or additional premiums.

- CSUs subject to a disruptive penalty (excluding Green Dot penalty*) cannot be awarded premiums or additional premiums.



PROVISIONS OF THE AGECLAW - Order of December 25, 2020

SUMMARY OF PREMIUMS FOR INCORPORATION OF RECYCLED POST-CONSUMER MATERIALS

Type of recycled plastic resin	Amount of the premium in € per kg of plastic from packaging recycling incorporated	Amount of the additional premium in € per kg of plastic material from household packaging recycling incorporated
Polyethylene terephthalate (PET)	0.05	0.35*
Low-density polyethylene - (LDPE)	0.40	0.15
High-density polyethylene (HDPE)	0.45	
Polypropylene (PP)	0.45	
Polystyrene (PS), including expanded polystyrene (EPS)	0.55	

*The additional premium is applicable to rigid packaging as "pots and trays" that incorporate recycled PET plastic that comes exclusively from the recycling of household rigid packaging such as "pots and trays".



3 PROGRESSIVE PENALTIES

to encourage the abandonment of non-recyclable or recycling-disruptive packaging, while leaving time to implement alternative solutions. This principle makes it possible to have a measured financial impact for new malus while encouraging ecodesign approaches with the prospect of the evolution of their increase.



Level 1 penalties with a 10% rate

MATERIAL	CHARACTERISTICS	MAIN ISSUES AT STAKE FOR RECYCLING
Rigid plastic (rates 6.1, 6.2 and 6.3)	Bottles, vials and other rigid plastic packaging made of PET, PE, PP with a density lower than 1 for PET and higher than 1 for PE and PP	Material loss
Rigid plastic in PET (rates 6.1, 6.2 and 6.3)	Bottles, vials and other rigid PET packaging with rigid plastic of density greater than 1	Material loss



Level 2 penalties with a 50% rate

MATERIAL	CHARACTERISTICS	MAIN ISSUES AT STAKE FOR RECYCLING
Glass	With a non-magnetic steel closing system	Quality of recycled material, a key safety issue for operators and an industrial tool degradation matter
Cardboard-paper packaging	Containing printing with inks manufactured with the addition of mineral oils*	Quality of recycled material
Rigid plastic (rates 6.2, 6.3, 6.5, 6.6 and 6.7)	Bottles, vials and other dark rigid plastic packaging, not detectable by optical sorting, in particular containing carbon black	Loss of material at the sorting stage
Bottle and vial in PET (rates 6.1 and 6.2)	Containing glass beads	Quality of the recycled material and deterioration of the industrial tool

The penalties cumulate between each level of penalty.

PLEASE NOTE

* The "mineral oils" penalty will apply only to the contribution by weight of the cardboard-paper. The other materials that can be considered CSU are not affected by these rules.



Level 3 penalties with a 100% rate

MATERIAL	CHARACTERISTICS	MAIN ISSUES AT STAKE FOR RECYCLING
Glass	Other than soda-lime	Quality of the recycled material
	Soda-lime with associated infuse elements (porcelain, ceramic, sandstone, etc.)	Damage to industrial facilities
Cardboard-paper packaging	Reinforced	Damage to the industrial facilities (process blockage)
Bottle, vial and rigid plastic in PET (rates 6.2 and 6.3)	Combined with aluminium, PVC or silicone with density greater than 1	Quality of the recycled material and deterioration of the industrial tool
Bottle, vial and rigid plastic in PET (rates 6.2 and 6.3)	In opaque PET (mineral filler > 4%)	Issues at stake in outlets
Bouteille et flacon en PVC (tarif 6.7)	Packaging in national sorting guidelines, but non-recyclable and non-recoverable	Material loss

PROVISIONS OF THE AGECE LAW - Order of 25 December 2020

PENALTY FOR SIGNAGE AND MARKING THAT IS POTENTIALLY MISLEADING REGARDING THE SORTING RULE (INCLUDING THE GREEN DOT)

Application of a penalty equivalent to the sum of the amount of the contributions by weight of material and by CSU for packagings on which one of the signs or one of the markings defined pursuant to the 5th paragraph of Article L. 541-10-3 of the AGECE (Anti-Waste and Circular Economy) Law is affixed.

Exemptions for the disposal of stocks have been negotiated with the public authorities:

- packaged products or packaging manufactured or imported before 1 April 2021 will be subject to a time limit for disposing of stocks not exceeding 18 months from that date;
- packaged products or manufactured or imported packaging on which this signage or marking is affixed pursuant to a regulatory obligation set by another Member State of the European Union, when the producer markets the product in identical packaging on national territory and in this other Member State, and until 1 January 2022. This packaging or packaging manufactured or imported before this date will also be subject to a period for disposal of 18 months from this date.



Following the proceedings initiated by several professional organisations representing directly producers, **the French Conseil d'Etat decided, on March 15, 2021, to pronounce the suspension as from April 1, 2021 of execution of the decree of November 30, 2020, which defines the Green Dot as a marking that could lead to confusion about the sorting rules, and the associated financial penalty imposed by the decree of December 25, 2020.**

Given the context around the Green Dot sign in France and the legislative basis that remains* and allows the State to adopt new implementing regulations, we cannot completely rule out the risk that placement of the Green Dot on packaging launched on the market in France may be subject to a penalty, even if the disputed texts are cancelled.

* Article L. 541-10-3 of the Environmental Code as amended by Article 62 of the AGECE Act.

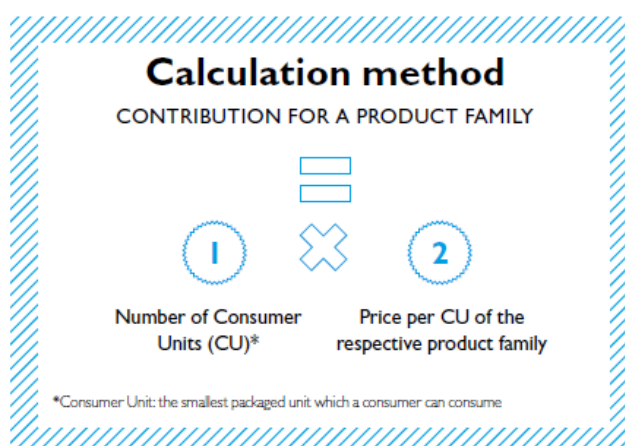
The sector-specific declaration

The sector-specific declaration is made by product family.
A rate is defined for each of them.

There are 2 types of sector-specific declaration:

⇒ A general declaration covering all types of products.
The rates are increasing by 0.5%, to match the overall increase in contributions.

⇒ A separate declaration for wines and spirits.
Rates are adjusted product by product to reflect as closely as possible the actual cost of materials in this sector of activity.





Rates for general sector-specific declaration

CODE	PRODUCT FAMILY DESCRIPTION	2022 RATES PER CONSUMER UNIT IN €
Food		
P012001	Jam, compotes, honey, spreads	0.0069
P010201	Sweet or savoury biscuits, cereals, pastries, bread and bread equivalents	0.0102
P010301	Coffee, tea and other instant beverages	0.0214
P011901	Sugar, confectionery, chocolate and similar	0.0020
P011100	Pasta, rice, canned foods, deli products and prepared foods	0.0070
P011500	Spices and condiments	0.0078
P034601	Meat and fish	0.0044
P034202	Dairy products (except butter)	0.0110
P034204	Beurres	0.0029
P034101	Ice creams and frozen foods	0.0228
P034400	Fruits and vegetables	0.0037
Drinks		
P023101	Beer and shandies	0.0057
P023003	Fruit juices and syrups	0.0088
P034201	Milks	0.0071
P023001	Alcohol-free carbonated drinks	0.0077
P023600	Aperitifs, alcohols and brandies	0.0092
P023400	Wines, champagnes, sparkling wines and ciders	0.0123
P023200	Waters	0.0126
Cleaning and household products		
P055002	Washing products and detergents	0.0262
P055001	Soaps	0.0055
P055101	All cleaning products, deodorants and insecticides	0.0471
P055008	Washing and cleaning accessories	0.0129
Body, hair and tooth care products		
P046401	Body hygiene and care products (including hair and mouth)	0.0084
Pharmaceutical products		
P046719	Body hygiene and care products (including hair and mouth)	0.0328
Gardening products		
P055801	Products for the garden and similar	0.0460
DIY		
P055901	Tools, DIY, glues, paints and similar	0.0485
P055902	General hardware and furnishings	0.0278



Clothing, shoes, textiles and accessories

P078201	Clothing, textiles, soles, laces, fabrics and sewing accessories	0.0050
P078301	Shoes	0.0159

Household appliances

P055501	Various large household appliances	0.1054
P055508	Various small household appliances	0.0364
P056102	Household appliance accessories and similar	0.0088

Outfitting and furniture

P055401	Various housewares	0.0262
P056001	Indoor and outdoor furniture	0.0679

Animals

P012801	Products and accessories for animals	0.0191
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Other

P066800	Various supplies, lighters, souvenirs, gifts, recreational items, writing items	0.0216
P067001	Jewellery and watches	0.0092
P067101	Leather goods and travel bags	0.0282
P085201	Tobacco	0.0048
P067207	Musical instruments	0.0989
P067301	Games and toys	0.0282
P067504	Cycles, motorcycles, mopeds, sailing and physical fitness items	0.1367
P085305	Domestic liquid fuels	0.3451
P067800	Quick services (keys, shoe repairs)	0.0005

Service and shipping packaging (e.g. mail-order sales, pouches, bags, trays, etc.)

PI20301	Paper & Cardboard	Weight per unit < 5g	0.0019
PI20302		Weight per unit from 5 to 15g	0.0033
PI20303		Weight per unit from 15 to 50 g	0.0088
PI20304		Weight per unit > 50g	0.0168
PI20201	Aluminium	Weight per unit < 5g	0.0015
PI20202		Weight per unit from 5 to 15g	0.0024
PI20203		Weight per unit from 15 to 50 g	0.0055
PI20204		Weight per unit > 50g	0.0098
PI20431	Plastic	Weight per unit < 5g	0.0024
PI20432		Weight per unit from 5 to 15g	0.0050
PI20433		Weight per unit from 15 to 50 g	0.0166
PI20434		Weight per unit > 50g	0.0280
PI20601	Others	Weight per unit < 5g	0.0021
PI20602		Weight per unit from 5 to 15g	0.0044
PI20603		Weight per unit from 15 to 50 g	0.0123
PI20604		Weight per unit > 50g	0.0233

Rates of the sector-specific declaration for wines and spirits

↔ Individual bottles (note, overpacks containing bottles need to be declared separately)

CODE	VOLUME (CL)	2022 RATES PER CONSUMER UNIT IN €
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Wines – normal glass bottle

P023401	≤ 50	0.0077
P023402	75	0.0090
P023403	100 and 150	0.0150
P023404	300 and more	0.0291

Wines – reduced-weight glass bottle

P023405	≤ 50 (1)	0.0063
P023406	75 (2)	0.0074
P023407	100 (3) and 150 (4)	0.0115

Champagne – glass bottle

P023501	< 75	0.0124
P023502	75	0.0173
P023503	150	0.0293
P023504	300 and more	0.0488

Sparkling wines – glass bottle

P023505	< 75	0.0121
P023506	75	0.0156
P023507	150	0.0268

Spirits – glass bottle

P023701	70 and 100	0.0110
P023702	150	0.0163

PET bottles

P023408	75	0.0154
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Cubitainer types Bag in box types

P023409	300	0.0367
P023410	500	0.0506
P023411	1000 and more	0.0900

Cubitainer rigide

P023412	≤ 500	0.0781
P023413	> 500	0.1312



↪ Other packaging (note, bottles need to be declared separately)

CODE	PACKAGING	2022 RATE BY PACKAGING MATERIAL IN €
Wooden case		
PI21601	Case 1 bottle	0.2632
PI21602	Case 2 bottles	0.4354
PI21603	Case 3 bottles	0.6384
PI21604	Case 6 bottles	0.7546
PI21605	Case 12 bottles	0.9820
Cardboard case containing 6 or 12 bottles		
PI21301	Case 6 bottles	0.0441
PI21302	Case 12 bottles	0.0758
Cardboard box containing 1, 2 or 3 bottles		
PI21303	Box 1 bottle	0.0189
PI21304	Box 2 bottles	0.0279
PI21305	Box 3 bottles	0.0320
Metal box containing 1 bottle		
PI21101	Box 1 bottle	0.0132
Service and shipping packaging (e.g. paper bags, plastic bags, etc.)		
PI21306	Paper/cardboard Weight per unit ≤ 30 g	0.0057
PI21307	Weight per unit > 30 g	0.0153
PI21431	Plastic Weight per unit ≤ 15 g	0.0078
PI21432	Weight per unit > 15 g	0.0165

The rate list

Not binding for informational purposes only

* Version September 30, 2021 subject to the formal agreement of the public authorities on the eco-modulation proposals

Germany - Der Grüne Punkt - Duales System Deutschland GmbH (DSD)

DSD offers separate contracts for participation in the compliance scheme and use of the trademark "Der Grüne Punkt" in Germany.

- A. The compliance fees (fee for participation in the dual system of DSD) are based on weight and material type of the packaging. Interested companies can receive an offer via the customer portal «VerpackGO»:
[Your license calculator \(gruener-punkt.de\)](https://www.gruener-punkt.de)

The materials are separated into 8 categories:

- | | |
|---------------------|--|
| 1. Glass | 5. Plastics |
| 2. Paper, Cardboard | 6. Composite carton (beverage carton etc.) |
| 3. Tinplate | 7. Miscellaneous composites |
| 4. Aluminium | 8. Organic materials |

For determining the fee, first the packaging has to be separated in all its parts, sorted by categories. The weight, multiplied by the price for each material and by the number of packaging put on market is the fee for the participation in our packaging recovery system.

- B. The fees for the **isolated trademark use "Der Grüne Punkt"** ("The Green Dot") for packaging circulated in Germany are:

MATERIAL	EURO/TON
Glass	1.00
Paper/board/cardboard	3.00
Ferrous metals	5.00
Aluminium	13.00
Plastics	17.00
Beverage carton packaging	13.00
Other Composites packaging	13.00
Other Materials	2.00

Please note that the trademark usage contract **only covers the cost for use of the trademark "Der Grüne Punkt" on packaging put on market in Germany**. When you sign it, you receive the approval to mark your sales packages with our globally protected trademark. However, with the trademark usage contract alone, you will **not be meeting your obligations under the German Packaging Ordinance**. For this purpose, you will have to conclude an appropriate **participation agreement with a dual system/compliance scheme**. The trademark usage and participation contracts offered by DSD can each be concluded separately from each other. More information can be found on our website:

<https://www.gruener-punkt.de/en/packaging-licensing/sales-packaging>

Greece - HE.R.R.Co.

Fee structure for 2022

<i>a) Fixed contribution on the number of packaging:</i>	<i>0,0004 €/unit</i>
<i>b) Contribution by weight (€/ton)</i>	
<i>PAPER / CARDBOARD</i>	<i>55.50</i>
<i>-Transfer paper / cardboard</i>	<i>55.50</i>
<i>-Other paper / cardboard</i>	<i>55.50</i>
<i>PLASTIC</i>	<i>70.50</i>
<i>- PET plastic bottles</i>	<i>70.50</i>
<i>-Multilayer plastics with more than one polymer or plastics with PVC labels</i>	<i>70.50</i>
<i>-Expanded polysterene</i>	<i>70.50</i>
<i>-Other plastics</i>	<i>70.50</i>
<i>ALUMINIUM</i>	<i>10.50</i>
<i>FERROUS METALS</i>	<i>21.00</i>
<i>GLASS PACKAGING</i>	<i>18.50</i>
<i>WOODEN PACKAGING</i>	<i>10.10</i>
<i>COMPOSITE PACKAGING</i>	<i>70.50</i>
<i>- Composite packaging with paper/cardboard as the main material</i>	<i>70.50</i>
<i>- Composite packaging with plastic as the main material</i>	<i>70.50</i>
<i>- Composite packaging with glass as the main material</i>	<i>70.50</i>
	<i>70.50</i>

Hungary – Ökopannon

According to the legislations in Hungary all companies are obliged to pay an environmental tax (official name: environmental product charge) to the National Tax and Customs Administration (abbreviated Hungarian name: NTCA).

The object of the charge is the packaging material instead of the packaging and therefore packers are directly not subject of the law for domestic products.

In case of products produced abroad the importer company is responsible for the charge, i.e. the company who imports, and sells the product in Hungary at the first time (with the first HU-VAT Nr. invoice), or uses it for their own purposes.

The product charge tariffs for packaging materials are the following in 2022:

b) Packaging materials

Material flow	Product charge tariff (HUF/kg)
Plastic (excluding plastic carrier bags)	57
Plastic carrier bags (excluding plastic carrier bags made of biodegradable plastic)	1 900
Plastic carrying bag made of biodegradable plastic	500
Composite (excluding composite laminated beverage containers)	57
Composite laminated beverage containers	19
Metal (excluding metal cans for beverages)	19
Metal cans for beverages	57
Wood, material of natural origin	19
Glass	19
Other	57

Green Dot trademark - Isolated use of the Green Dot trademark

Our company provides the legal usage of Green Dot trademark for producers, importers and retailers as well.

1. **Contract based on packaging emission report once a year** - In this case the Licensee shall send the Licensor a packaging emission report once a year and **pay 1.5 EUR/ton by the amount of the packaging emission.**
2. **Contract according to categories** presented in the following chart:

Annual amount of the packaging emission (ton)	Annual fee	Packaging category
above 10,000 ton	EUR 9 000	A
between 5,000 ton – 10,000 ton	EUR 6 000	B
between 3,000 ton – 4,999 ton	EUR 3 000	C

Services of ÖKO-Pannon

Consultancy service

Due to a legislation of environmental product charge put into force in January 2012, ÖKO-Pannon Plc. has launched consultancy service on compliance with actual environmental product charge and waste law for packaging emitters.

- Notification obligation
- Environmental product charge declaration
- Environmental product charge refund process
- Providing the use of Green Dot trademark

Optimization consultancy with relation to products liable to product charge (batteries; packaging products; other petroleum products; electric appliances and electronic equipment; tires; commercial printing paper; other plastic products; other chemical products; paper stationery) including:

- interpretation and use of laws in force regulating product charge with consideration to the company's range of products
- classification of packaging materials
- creating the system of taking over the liabilities
- forming the textual content of invoices (incoming, outgoing)

- classification of product packaging into the proper product charge category
- updating background administration in accordance with new laws
- preparing reports to NAV (National Tax and Customs Administration)
- review of NAV reports both in terms of running year and previous years
- continuous availability
- on-site consultancy
- petition of stance from NAV
- Consultancy on individual exemption and coordination
- Preparing for compliance with the actual law on waste management
- Preparing for compliance with the packaging regulation
- Supervision related to the fulfillment of recovery and recycling obligation and product charge reports
- Consultancy in the field of fulfillment of international recovery and recycling obligation (sending in contracts and reports)
- Consultancy in the field of single use plastic (SUP)
- Packaging or not packaging – providing professional opinion according to the laws in force

Ireland - Repak

How are fees calculated?

Participation fees are charged at a flat fee per tonne in euro in these categories irrespective of material type: These include licence fees for use of the Green Dot.

Fee type	Activity in Supply Chain	Cost EUR/tonne (Plastic/Composite) (2022)	Cost EUR/tonne (All other Material)(2022)
Participation fee	Manufacturer	2.42	2.09
Participation fee	Convertor	2.42	2.09
Material-specific fee	Brandholder/Importer	(see below)	(see below)
Participation fee	Distributor/Wholesaler	2.42	2.09
Participation fee	Retailer	4.83	4.18

Material-specific fees are charged at the brandholder/importer stage of the supply chain and are based on the weight of each participating material placed on the market by members. All fees are calculated on the basis of statistics supplied for previous year placements.

MATERIAL	Cost EUR/tonne (2022)
Paper/Cardboard	23.19
Glass	9.37
Aluminium	85.30
Steel	80.09
Recycled Plastics – Rigid	105.28
Recycled Plastics – Flexible	105.28
Non Recycled Plastics	201.91
Beverage Plastic Bottles - PET	105.28
Beverage Plastic Bottles - Other Plastic	105.28
Non Beverage Plastic Bottles	105.28
Wood	10.82
Recycled Composite	105.28
Non Recycled Composite	201.91

Israel – TAMIR

Financial Contribution Tariff per Material – 2022

Material	NIS per Ton - Household	NIS per Ton - Commercial
Glass	312	42
Cardboard & Paper	198	158
Drinking Carton	396	42
PET	459	137
HDPE	483	137
LDPE	542	137
PP	663	137
PS	1,006	137
Other Plastic/Material	1,006	137
Metal	238	97
Wood	54	54

1 Euro = 3.6 NIS

Latvia - LATVIJAS ZĀLAIS PUNKTS, JSC

The licence fee tariffs for 2022 (VAT excluded):

No.	Type of packaging material	Tariffs from 01.01.2022 EUR/kg
1.	From glass materials	0.098
2.	From plastic (polymer) materials, incl. also from:	0.178
2.1.	• polyethylene terephthalate (PET),	0.178
2.2.	• polystyrene mass,	0.178
2.3.	• polystyrene foam,	0.178
2.4.	• foam plastic (foam polymer),	0.178
2.5.	• bioplastic	0.178
3.	From metal raw materials	0.071
4.	From paper and cardboard materials or from other natural fiber materials, excluding bioplastic	0.043
5.	From wood raw materials	0.021
6.	From composite cardboard raw materials	0.043

The minimum licence fee is EUR 21 (twenty-one euro) per quarter.

Contact details: e-mail: info@zalais.lv

Lithuania - "Žaliasis taškas", (Public Institution)

Fees for 2022

In the face of new environmental requirements, when the packaging tax rate in Lithuania becomes differentiated, it becomes crucial to accurately identify and correctly determine the recyclable and non-recyclable types of packaging.

It is important to note that packaging waste management fees for 2022 are different and different tasks for recyclable and non-recyclable packaging will be carried out.

PACKAGING WASTE MANAGEMENT FEES FOR THE YEAR 2022

Service prices are given in EUR (excluding VAT) per tonne of packaging placed on the market

Recyclable packaging	
Recyclable package	Service fee
Glass packaging	113
Paper and cardboard packaging	76
Plastic packaging	274
PET (polyethylene terephthalate) packaging	290
Metal (including aluminum) packaging	71
Metal (ferrous metal) packaging	71
Combined packaging	215
Wooden packaging	44
Other packaging	363

Non-recyclable packaging					
Non-recyclable packaging	Accepted amount*	Service fee for accepted non-recyclable packaging, EUR.*	Taxation at national tariffs	State tariff for non-recyclable packaging, EUR.	Total cost of nonrecyclable packaging (price + pollution tax) EUR.**
Glass packaging	0 %	-	100 %	395	454
Paper and cardboard packaging	20 %	34	80 %	188	180
Plastic packaging	45 %	182	55 %	875	635
PET (polyethylene terephthalate) packaging	45 %	31	55 %	875	567
Metal (aluminum) packaging	0 %	-	0 %	263	302
Metal (ferrous metal) packaging	0 %	-	0 %	263	302
Combined packaging	75 %	53	25 %	1,200	385
Wooden packaging	65 %	19	35 %	225	103
Other packaging	78 %	505	22 %	423	505

* The companies declares to the “Žaliasis taškas” the total amount of unprocessed packaging placed on the market (100%), but the “Žaliasis taškas” only charges the accepted quantity for which it undertakes to fulfil its tasks and guarantees that the accepted quantity will benefit from the pollution tax relief. For unaccepted quantities, the companies is obliged to pay a pollution tax, regardless of how much nonrecyclable packaging is disposed of.

** The total price of unprocessed packaging after estimating the amount of unprocessed packaging disposed of and the fee to the state for the amount of unprocessed packaging. The price may vary depending on the published 2022 indexation factor

The pricing and its economic reasonability is controlled by the Board of Žaliasis taškas which consists of the very importers that ensure proper representation of the organisation members.

Luxembourg - VALORLUX

There are 3 types of declaration



Detailed

The detailed declaration is the most granular one. The member must define each of its products by breaking them down to their packaging **elements** and **materials** into a product sheet. Based on those two parameters (i.e. packaging element and material) the corresponding Green Dot is deducted and applied. The member needs to declare how many units of each product sheet were put into the market to get the final contribution



Simplified

The simplified declaration is less granular than the detailed declaration. Valorlux has defined a certain number of product families for which an average composition of packaging is defined. The member only has to declare how many units he has put into circulation for each product family



Automatic

The automatic declaration is available to qualifying small members. It is based on a reference declaration (either detailed or simplified) and it allows to modulate their declaration for the following 4 years according to the variation on their revenues. After that period members must make a new reference declaration

Tariffs Detailed Declaration	2020	2021	2022
	Euro/kg	Euro/kg	Euro/kg
Glass	0,0137	0,0192	0,0230
Paper - cardboard (>85%)	0,0441	0,0786	0,0457
Drinking cardboard	0,3055	0,3721	0,3690
Steel ($\geq 50\%$)	0,0206	0,0470	0,0162
Aluminum ($\geq 50\%$ und $\geq 50\mu$)	0,0246	0,0541	0,0526
PET - Bottles and flasks - transparent - colorless or slightly blue	0,3245	0,3316	0,2515
PET - Bottles and flasks - transparent - dark blue or green	0,3245	0,3316	0,4424
PET - Bottles and flasks - transparent - other colors	0,3245	0,3316	0,5862
PET - Bottles and flasks - opaque	0,3245	0,3316	0,5862
HDPE - Bottles, flasks and other rigid packaging	0,2397	0,3652	0,2750
PE - Films	0,6297	0,6285	0,4495
PP - Bottles, flasks and other rigid packaging	0,6297	0,6285	0,3441
PS - Rigid packaging, except EPS	0,6297	0,6285	0,4469
Others recoverable	0,6297	0,6285	0,9406
Others non recoverable	0,7186	0,7009	1,0421
Commercial Paper/Cardboard	0.0145	0.0145	0,0145
Commercial Wood	0.0145	0.0145	0,0145
Commercial Others	0,0395	0,0395	0,0395



Tariffs Detailed Declaration

Simplified

€/Unit

Code	Description	Tariff 2021 €/Unit
A01	Sandwich spreads, jams and honey	0,011025
A02	Vegetables and fruit (fresh, frozen, canned and prepared)	0,006022
A03	Cake, pastry, bread, pasta and related items	0,006785
A04	Coffee, tea and other instant drinks	0,008569
A05	Oil and fats	0,017759
A06	Sugar, sweets, chocolate and related items	0,004701
A07	Soups and prepared meals	0,012495
A08	Sauces, spices and seasoning	0,010150
A09	Meat and fish (fresh, frozen, canned and prepared)	0,010501
A10	Dairy products (excl. drinks), butter, cheese and related items	0,007757
A11	Other food products (e.g. savoury biscuits, crisps, vinegar, soya-based products, etc.)	0,006735
B01	Beer	0,002913
B02	Fruit and vegetable juice	0,013258
B03	Milk	0,014615
B04	Sodas, colas, lemonades and syrups	0,008391
B05	Spirits, aperitifs and gins	0,012536
B06	Wine, champagne, sparkling wine and cider	0,018852

B07	Water	0,013493
C01	Cleaning and maintenance products	0,033957
C02	Accessories for cleaning and maintenance products (e.g. brush, mop, bucket, sponge, etc.)	0,013423
D01	Hair care products	0,017268
D02	Body and dental care products	0,013107
D03	Accessories for body, hair and dental care (e.g. toilet paper, paper handkerchiefs, toothbrush, hair brush, etc.)	0,007924
E01	Medicines (incl. for veterinarians, dentists, physiotherapists, etc.)	0,009086
F01	Flowers, plants, seeds and garden products (e.g. fertilizers, compost, etc.)	0,033645
F02	Tools and accessories for gardening (e.g. pots, parasol, barbecue, etc.) and camping	0,016392
G01	Tools and general hardware (e.g. studs, bolts, screws, etc.)	0,012103
G02	Glues and related products	0,032238
G03	Paint and varnish	0,055780
G04	Miscellaneous DIY items (e.g. paint brushes, woodwork, cement < 10 kg/10 l, etc.)	0,007486
H01	Clothing, shoes, textiles (e.g. bed, table and kitchen linen, carpet, travel bag, etc.), leather goods, (e.g. bag, purse, belt, etc.) and accessories (e.g. sewing accessories, etc.)	0,007143
I01	Large electrical appliances (e.g. television, refrigerator, washing machine, etc.)	0,187465
I02	Small electrical appliances (e.g. radio, telephone, pocket calculator, video recorder, hi-fi, games console, camera, coffee machine, mixer, etc.)	0,039472
I03	Accessories for electrical appliances and related items (e.g. batteries, film rolls, CDs, extension leads, etc.)	0,006055
J01	Interior, kitchen and table requisites (e.g. cutlery, service, vases, napkins, decorative items, etc.)	0,006903
J02	Indoor and outdoor furniture and accessories (e.g. slatted bed base, mattress, etc.)	0,114197
J03	Lighting devices (incl. torches)	0,014896
K01	Food, care products and accessories for animals (e.g. toys, cat litter, etc.)	0,006405
Z01	Matches, lighters	0,008471
Z02	Jewellery, watches	0,007753
Z03	Newspapers, magazines and books	0,002009
Z04	Business gifts and promotional articles	0,003418
Z05	Smokers' supplies (e.g. cigarettes, cigars, cigarillos, tobacco, pipe, etc.)	0,002816

Z06	Toys (excl. computer games) and musical instruments	0,010945
Z07	Sports articles, cycling and motorcycling accessories (excl. clothing)	0,008423
Z08	Drawing, writing and handicrafts	0,001819
Z09	Dispatch packaging (eg. internet sales, mail order,...)	0,017477
X01	Service packaging in paper-cardboard (in grams)	0,000106
X02	Service packaging in aluminium / metals (in grams)	0,000073
X03	Service packaging in other materials (in grams)	0,000848

Macedonia PAKOMAK d.o.o Skopje

Click on the following link for contact details: [Pakomak](#)

The **Green Dot fees 2022** for obligated companies in Macedonia:

	Type of packaging waste	Green Dot fee 2022 (eur/ton)
1	Paper	3,41
2	Plastic	7,07
3	Glass	3,42
4	Other metal	5,14
5	Aluminium	6,14
6	Composite	7,55
7	Wood	1,98

Malta - GreenPak

Fees 2022

Payment Terms Membership Fees	
Yearly Participation Fee excl VAT	Payment terms
€ 100 to € 2,500	On invoice
€ 2,501 to € 12,000	50% on invoice, 50% by 1 st July
€ 12,001 to € 46,000	4 pro-rata quarterly payments due 1st week of each quarter.
€ 46,001 and over	12 pro-rata monthly payments due 1st week of each month.

GreenPak Cooperative Society Limited, 18, St. John Street, Fgura FGR 1447 – MALTA
 Tel: (356) 21 660 233 Fax: (356) 21 803 434 URL: www.greendot.com.mt
 E-mail: info@greenpak.com.mt

The Netherlands – Afvalfonds Verpakkingen

From 2018, the following companies are responsible for registering and contributing to the system:

Regular producer/importers of packed products

This is the **first Dutch** company who:

- 1°. places substances, preparations or other products on the market in a packaging; and/or
- 2°. commercially imports substances, preparations or other products in a packaging and disposes of the packaging; and/or
- 3°. commercially instructs another to provide the packaging of substances, preparations or other products with its name, logo or brand; and/or
- 4°. places a packaging on the market which is intended to be added to substances, added to substances, preparations or other products to be provided to the user;

Foreign distance sellers

Foreign companies that fulfil the functions as described above, but do so by selling directly to a private consumer (i.e. not to a company). In cases where foreign companies sell packed products to Dutch companies, the Dutch company is seen as the obliged company.

The packaging waste management compliance costs in 2022 are listed below:

Material	Fee 2022 (€/kg) ex. VAT
Glass	0.048
Paper/Cardboard	0.022
Plastics, regular fee	0.700
Plastics, reduced fee	0.440
Aluminium	0.160
Other metals	0.230
Wood	0.020
Other materials	0.020
General fee (company can't or doesn't want specify the material)	0.770
Beverage cartons	0.64
Bottles in a deposit system	≥ 1 liter: 1.88 cents + 0.25 cents deposit a bottle < 1 liter: 1.64 cents + 0.15 cents deposit a bottle



Source: - [Afvalfonds verpakkingen](#)

The fees are calculated based on the principle of activity-based costing. This means that the most recent historical costs of expenses of collection and sorting of packaging waste, including the management of the organisation are taken into account.

Differentiated fee

For rigid plastics that are recyclable and that have a positive market value upon sale to the recycler, there is a differentiated fee. The fee can only be applied upon request and is liable to the evaluation of Afvalfonds Verpakkingen. In the process of evaluation, the Recycle Check, developed by Kennisinstituut Duurzaam Verpakken, will be used. More information about the differentiated fee can be found (in Dutch) on <https://afvalfondsverpakkingen.nl/verpakkingen/gedifferentieerd-tarief>.

Composite packaging

Composite packaging is packaging that consists of several, non-separable types of materials (for example laminates).

The obliged company must pay the Packaging Waste Management Contribution on the various types of material of which the composite packaging consists and declare these material types separately on the Provisional Statement and Declaration.

Packaging components

Packaging components and ancillary elements integrated into packaging shall be considered to be part of the packaging into which they are integrated. Ancillary elements hung directly on, or attached to, a product and which perform a packaging function shall be considered to be packaging unless they are an integral part of this product and all elements are intended to be consumed or disposed of together.

Reporting threshold

Only companies that place 50,000 kg or more on the Dutch market in a calendar year are obliged to register and pay the according packaging fees. For the first 50,000 kg, companies are not invoiced. Please be aware that companies should provide documented proof that they place less than 50,000 kg of packaging on the Dutch market, if they claim so.

For companies that place less than 50,000 kg packaging on the Dutch market, Afvalfonds Verpakkingen investigates the weight of “packaging on the market” by means of market research.



Norway - Grønt Punkt

Please contact the appropriate contact person if you have an inquiry about licensing/branding in this country.

Direct contact: member@grontpunkt.no

Poland - Rekopol Organizacja Odzysku Opakowań S.A.

Rekopol Organizacja Odzysku Opakowań S.A. does not publish fees for the takeover of recycling obligation.

In order to obtain price offer please contact Jan Buchwald, Customer Service Specialist
j.buchwald@rekopol.pl

Below you will find fees for **isolated license agreement for “Green Dot” trademark.**

The Green Dot License Fees for year 2022

Packaging	License fee 2022 (PLN/kg)
Paper/cardboard/Corrugated board	0,00150
Glass	0,00230
Plastics	0,00250
Steel	0,00150
Aluminium	0,00120
Wood + wooden pallets	0,00045
Administrative fee	800,00 PLN

Please be advised that from 01.01.2022 entrepreneurs that place products in packaging on the Polish market only have to achieve legal targets of recycling – there is no more recovery. Also the material targets for recycling as well as average recycling targets have been increased by the regulator – for details please check below.



No	Packaging material type:	Minimal annual recycling targets for packaging waste	
		2021	2022
	Average level of recovery	61	-
	Average level of recycling	56	59
1	Plastics	23,5	30
2	Aluminum	51	52
3	Steel	51	55
4	Paper, cardboard, corrugated board	61	66
5	Glass	61	62
6	Wood (including pallets)	16	19
7	Composite	recycling targets specified in regulations issued on the basis of Article 25.4 of the Act of 13 June 2013 on Packaging and Packaging Waste Management (Journal of Laws of 2020, item 1114, with subsequent amendments)	recycling targets specified in regulations issued on the basis of Article 25.4 of the Act of 13 June 2013 on Packaging and Packaging Waste Management (Journal of Laws of 2020, item 1114, with subsequent amendments)
8	Packaging for hazardous materials		
9	Other packaging	0	0

Portugal - Sociedade Ponto Verde

Green Dot Fees 2021

The fees for 2022 are not yet available. Please contact Sociedade Ponto Verde directly.



Green Dot Fees (GDF) Table

€/Kg	Green Dot Fees 2021 (updated July 2021) ¹					
Materials	Primary packaging	Service packaging excluding checkout bags	Checkout bags	Multipack secondary packaging	Non multipack secondary packaging	Tertiary packaging
Glass	0,02100	0,02100				
Plastic	0,25210	0,25210	0,25210	0,25210	0,25210	0,25210
Paper and Cardboard	0,13460	0,13460	0,13460	0,13460	0,13460	0,13460
Beverage Cartons	0,23190	0,23190				
Steel	0,25370	0,25370		0,25370	0,25370	0,25370
Aluminium	0,06250	0,06250				
Wood	0,07150	0,07150		0,07150	0,07150	0,07150
Other Materials	0,17330	0,17330			0,17330	0,17330

VAT at the legal rate shall be added to all amounts referred to

¹ Green Dot Fees subject to changes resulting from the provisions of Order No. 5615/2020, of May 20

Minimum Annual Contribution

Please note that the minimum annual financial contribution payable for 2021 remains unchanged at €120 (plus VAT).

VAT at the legal rate will be added to all the above amounts.

¹ Green Dot Fees in effect as of 1 st of January 2021, subject to changes resulting from the provisions of Order No. 5615/2020, of May 20

Please note that the minimum annual financial contribution payable for 2021 remains unchanged at €120 (plus VAT).

Packaging that disrupts the recycling process

One of the obligations set out in SPV's licence is differentiation between Green Dot Fees (GDFs) on packaging based on its recycling process. For 2021 there will therefore be fines designed to discourage the use of packaging that disrupts the recycling process and to encourage the use of materials or combinations of materials that are proven to be easier to recycle.

The penalty will consist of a 10% increase in the unit GDF of materials that make up the following three types of packaging (including all their components):

PACKAGING SUBJECT TO PENALTY	EXAMPLE	SUGGESTION FOR IMPROVEMENT
PET BOTTLES WITH METAL CAP		CHANGE TO PET BOTTLES WITH PLASTIC CAPS (PP, HDPE OR LDPE)
GLASS BOTTLES WITH NON-REMOVABLE CERAMIC AND STEEL STOPPER		CHANGE TO GLASS BOTTLES WITH REMOVABLE STOPPERS OR REPLACE CERAMIC BY ANOTHER MATERIAL COMPATIBLE WITH GLASS RECYCLING
PET BOTTLES WITH PVC LABELS		CHANGE TO PET BOTTLES WITH A PAPER OR CARDBOARD LABEL OR ANOTHER TYPE OF PLASTIC COMPATIBLE WITH PET RECYCLING (PP, HDPE OR LDPE)

GDF table plus penalties applying only to the above three types of packaging

MATERIAL	FEE(€/KG) WITH PENALTY (UPDATED JULY 2021)
GLASS	0,02310
PLASTIC	0,27731
PAPER AND CARDBOARD	0,14806
BEVERAGE CARTONS	0,25509
STEEL	0,27907
ALUMINIUM	0,06875
WOOD	0,07865
OTHER MATERIALS	0,19063

VAT at the legal rate shall be added to all amounts referred to

VAT at the legal rate shall be added to all amounts referred to

Contact: info@pontoverde.pt

Romania - ECO-ROM AMBALAJE 2022

Recycling and Recovery Fees

Type of material		Rate in euro/ton* for industrial-commercial packaging	Rate in euro/ton* for household/municipal packaging
Glass		85	98
Plastic	PET	132	148
	PE	70	79
	PVC	70	79
	PP	70	79
	PS	70	79
	Other	70	79
Paper-cardboard		70	79
Steel		68	80
Aluminium		130	145
Wood		66	60

*prices do not include VAT and were calculated for an average currency exchange rate of 5.00 lei/euro

Green Dot Fees

For clients affiliated to the collective system set-up by Eco-Rom Ambalaje, the fee for using “The Green Dot” trademark is included in the recycling and recovery compliance fee. Obligated companies who are not affiliated to Eco-Rom Ambalaje, but use the “The Green Dot” trademark on their packaging placed on the Romanian market, have to sign a dedicated licence agreement for the use of the trademark and pay a fee equivalent to **0.50 euro/ton (VAT excluded)**.

The fee refers to the entire annual quantity of packaging placed on the market based on the individual declaration of the producers or importers or packaged goods.

Serbia - Sekopak

Sekopak's fees for packaging waste management in 2022

Material	RSD/Kg*
Paper/cardboard	3.785
Plastic	6.268
Glass	8.055
Metal	3.294
Wood	4.819
Other	0.000

*The above fees do not include VAT

On the fees, described in the table above

For Sekopak members fee for using the trademark "The Green Dot" is already calculated in the Sekopak's fees for packaging waste management in 2022.

Obligated companies who are not members of Sekopak and use the trademark "The Green Dot" on their packaging placed on the Serbian market, have to sign the isolated licence agreement with Sekopak for the use of "The Green Dot" based on The Green Dot license fees.

The Green Dot license fees

Overall packaging waste quantity placed by the User on the Republic of Serbian market (tons)*	Yearly overall fee (EUR)
0-99	150,00
100-499	540,00
500-999	890,00
1000-1999	1.500,00
2000-2999	2.050,00
3000-3999	4.150,00
4000-5999	7.050,00
>6,000	9.500,00

* Overall packaging waste quantity based on the last yearly Report on packaging and packaging waste that the User reported to the authorized Agency of the Republic.

Slovakia - ENVI-PAK

ENVI-PAK's fees for the year 2022

The costs for ENVI-PAK's fees are based on weight and material type of the packaging. The materials are separated in 10 types:

- Glass
- Plastics
- Plastics PET
- Paper / Cardboard
- Composite beverage carton
- Metals aluminium
- Metals steel
- Wood
- Other packaging materials

For determining the fee, first the packaging has to be separated in all its parts, sorted by fractions. The weight, multiplied by the price for each material is the fee for the participation in our packaging recovery system. Prices can be ordered upon request. Interested companies can order an offer via the customer portal:

<http://www.envipak.sk/en/Compmltaanies.alej>

There is no payment connected with the registration into the ENVI-PAK system.

Slovenia - Slopak

PACKAGING AND GREEN DOT ISOLATED TRADEMARK LICENCE FEES 2022

Packaging material		PACKAGING FEE			GREEN DOT ISOLATED TRADEMARK LICENCE FEE		
		Household ¹	Non-household ²	Service packaging ³	Household ¹	Non-household ²	Service packaging ³
GLASS	Glass	0,40	0,40	0,40	0,028	0,028	0,028
PAPER	Paper	0,40	0,40	0,40	0,028	0,028	0,028
PLASTICS	Plastics	219,00	219,00	219,00	15,330	15,330	15,330
	Plastics PET	185,00	185,00	185,00	12,950	12,950	12,950
	Plastics PVC	219,00	219,00	219,00	15,330	15,330	15,330
METAL	Metal Aluminium	175,00	175,00	175,00	12,250	12,250	12,250
	Metal Steel	219,00	219,00	219,00	15,330	15,330	15,330
WOOD	Wood	35,00	35,00	35,00	2,450	2,450	2,450
OTHER MATERIALS	Other Textile	219,00	219,00	219,00	15,330	15,330	15,330
	Other Straw	219,00	219,00	219,00	15,330	15,330	15,330
	Other Ceramics	219,00	219,00	219,00	15,330	15,330	15,330
	Other Cork	219,00	219,00	219,00	15,330	15,330	15,330
COMPOSITE PACKAGING ⁴	Composite packaging ⁴ Glass	0,40	0,40	0,40	0,028	0,028	0,028
	Composite packaging ⁴ Paper	0,40	0,40	0,40	0,028	0,028	0,028
	Composite packaging ⁴ Plastics	219,00	219,00	219,00	15,330	15,330	15,330
	Composite packaging ⁴ Aluminium	175,00	175,00	175,00	12,250	12,250	12,250
	Composite packaging ⁴ Steel	219,00	219,00	219,00	15,330	15,330	15,330
	Composite packaging ⁴ Wood	35,00	35,00	35,00	2,450	2,450	2,450
	Composite packaging ⁴ Other	219,00	219,00	219,00	15,330	15,330	15,330
PACKAGING MADE FROM MORE THAN ONE MATERIAL ⁵	More materials ⁵ Glass	0,40	0,40	0,40	0,028	0,028	0,028
	More materials ⁵ Paper	0,40	0,40	0,40	0,028	0,028	0,028
	More materials ⁵ Plastics	219,00	219,00	219,00	15,330	15,330	15,330
	More materials ⁵ Aluminium	175,00	175,00	175,00	12,250	12,250	12,250
	More materials ⁵ Steel	219,00	219,00	219,00	15,330	15,330	15,330
	More materials ⁵ Wood	35,00	35,00	35,00	2,450	2,450	2,450
	More materials ⁵ Other	219,00	219,00	219,00	15,330	15,330	15,330
PACKAGING CONTAMINATED WITH HAZARDOUS WASTE ⁶	Hazardous ⁶ Glass	675,00	675,00	x	47,250	47,250	x
	Hazardous ⁶ Paper	675,00	675,00	x	47,250	47,250	x
	Hazardous ⁶ Plastics	675,00	675,00	x	47,250	47,250	x
	Hazardous ⁶ Aluminium, Steel	675,00	675,00	x	47,250	47,250	x

All fees are in EUR/tonne, VAT not included.

- When the packaging fee is less than 25,00 EUR (without VAT) per quarter, an invoice with the flat rate of 25,00 EUR (without VAT) per quarter is issued.

Explanatory notes:

1. Packaging that contains goods, that are intended for the consumers, no matter if the goods are really consumed by the consumers or are used at business activities.
2. Packaging that is used only at the business activities.
3. Service packaging - products that are designed and intended for the filling of the goods at the point of sale and products for single use, that are sold or filled with goods or are designed and intended to be filled at the point of sale, if they are used as packaging.
4. Composite packaging - packaging made from two or more layers of different materials, that cannot be separated manually and constitute one inseparable unit.
5. Packaging made from more than one material - packaging where its parts are made from at least two different packaging materials or additional elements that are part of the packaging and are made from different materials as the packaging itself. The layers can be manually separated.
- 4.&5. Include only materials that represent more than 5% of the whole mass of the packaging. The mass of the material that is less than 5% is calculated to the predominant material.
6. Packaging contaminated with hazardous waste that is marked as hazardous with security sheet for removal

Spain – Ecoembes

FEES 2022

ORDINARY PACKAGING DECLARATION

The fees in effect were calculated to cover the cost involved in the separate collection of packaging waste and updated to account for the increasing number of people that are covered by the system.

The cost of the Green Dot applicable to packaging depends on the type of material, meaning that for a given weight, aluminum packaging will not cost the same as packaging made of cardboard, plastic or steel.

The fees for the different packaging materials are as follows:

Packaging materials

Tarifas por tipo de material

Material		2020	2021	2022
Acero	Latas bebida acero	0,095 €/kg	0,110 €/kg	0,146 €/kg
	Resto envases acero	0,095 €/kg	0,110 €/kg	0,138 €/kg
Aluminio	Latas bebida aluminio	0,102 €/kg	0,102 €/kg	0,113 €/kg
	Resto envases aluminio	0,102 €/kg	0,102 €/kg	0,096 €/kg
PET	Botellas bebidas PET ≤ 3L (excl. bebidas lácteas y vegetales)	0,433 €/kg	0,490 €/kg	0,440 €/kg
	Resto envases PET	0,433 €/kg	0,490 €/kg	0,415 €/kg
HDPE (cuerpo rígido y bolsa UNE)		0,377 €/kg	0,402 €/kg	0,367 €/kg
HDPE flexible, LDPE, Compostable y otros plásticos (*)		0,739 €/kg	0,856 €/kg	0,960 €/kg

Cartón para bebidas y alimentos (envase tipo brik)	0,355 €/kg	0,424 €/kg	0,514 €/kg
Papel y cartón	0,076 €/kg	0,082 €/kg	0,091 €/kg
Cerámica	0,020 €/kg	0,020 €/kg	0,020 €/kg
Madera y corcho	0,021 €/kg	0,021 €/kg	0,011 €/kg
Otros materiales (**)	0,739 €/kg	0,856 €/kg	0,960 €/kg

*Otros plásticos: En este apartado estarán todos aquellos plásticos que no aparezcan incluidos en ningún grupo específico: PP, PS, EPS, PVC...

**Otros materiales: En este apartado estarán todos aquellos materiales que no aparezcan incluidos en ningún grupo específico.

Glass

Tarifas Punto Verde Vidrio			
<u>Año</u>	<u>Factor peso</u>	+	<u>Factor unidad</u>
2020	0,02451 €/kg	+	0,00348 €/kg
2021	0,02635 €/kg	+	0,00374 €/kg
2022	0,02833 €/kg	+	0,00402 €/kg

Simplified declaration Fees

Tarifas **Declaración Simplificada**

Las tarifas que se aplican en esta modalidad se determinan en función de las **toneladas** de envases puestos en el mercado el año anterior.

<u>Tarifa punto verde</u>	<u>1º Tramo</u>	<u>2º Tramo</u>	<u>3º Tramo</u>	<u>4º Tramo</u>	<u>5º Tramo</u>	<u>6º Tramo</u>
<u>Ton de material / Año anterior</u>	<u>De 0 a 1 Ton</u>	<u>De 1 a 3 Ton</u>	<u>De 3 a 6 Ton</u>	<u>De 6 a 8 Ton</u>	<u>De 8 a 10 Ton</u>	<u>De 10 a 12 Ton</u>
Euros / año 2020	263 €	650 €	1.294 €	1.944 €	2.750 €	3.500 €
Euros / año 2021	301 €	743 €	1.479 €	2.222 €	3.143 €	4.001 €
Euros / año 2022	313 €	773 €	1.539 €	2.312 €	3.271 €	4.164 €

More information: <https://www.ecoembes.com/es/empresas/tarifas-del-punto-verde>

Address: Calle Cardenal Marcelo Spínola, 14 Planta 2, 2016. Madrid. **Helpdesk:** atencionalcliente@ecoembes.com

Sweden – FTI

The packaging fees are the same for year 2022 as of year 2021.

In April 2019, we introduced modulated fees for plastic packaging and on January 1, 2020, the same thing began to apply to paper packaging. The idea of a modulated fee structure is that it should cost more to put a package on the market that is difficult to recycle, than one that is designed to be able to be recycled. By creating a clear financial incentive, we drive the development of more recyclable packaging forward. Read more about the criteria's on our website.

[About packaging fees - Förpackningsinsamlingen, FTI \(ftiab.se\)](https://ftiab.se)

All companies pay an annual fee of SEK 1,500, including the license fee for the Green Dot of SEK 500. In addition, packaging fees are based on reported kilograms (kg). Statutory VAT is added. The minimum amount to pay is set at SEK 2,000 per calendar year, including annual and Green Dot fees, excluding VAT.

For 2021 and 2022, the following packaging fees apply:

Packaging fees			
	Item no.	Material	2021 & 2022 (SEK/kg)
Household packaging	310	Paper (high)	3,43
	315	Paper (low)	2,24
	410	Plastic (high)	8,56
	415	Plastic (low)	5,52
	511	Aluminium	8,00
	512	Steel plate	4,20
Commercial packaging	320	Paper	0,01
	420	Plastic	0,03
	521	Aluminium	0,01
	522	Steel plate	0,16
	523	Barrels	0,16
	524	Steel plate, wire	0,16
Service packaging	330	Paper (high)	2,75
	335	Paper (low)	1,79
	430	Plastic (high)	6,85
	435	Plastic (low)	4,42
	531	Aluminium	6,40

Packaging fees, annual reporters					
	Item no.	Material	Fees SEK/kg, 2020 earlier communicated	Fees SEK/kg, 2020	Fees SEK/kg, 2021
Household packaging	310	Paper (high)	3.28	3.28	3.43
	315	Paper (low)	2.23	2.23	2.24
	410	Plastic (high)	5.22	6.06	8.56
	415	Plastic (low)	3.47	3.98	5.52
	511	Aluminium	2.21	2.21	8.00
	512	Steel plate	3.59	3.59	4.20
Commercial packaging	320	Paper	0.01	0.01	0.01
	420	Plastic	0.03	0.03	0.03
	521	Aluminium	0.01	0.01	0.01
	522	Steel plate	0.16	0.16	0.16
	523	Barrels	0.04	0.04	0.16
	524	Steel plate, wire	0.28	0.28	0.16
Service packaging	330	Paper (high)	2.63	2.63	2.75
	335	Paper (low)	1.79	1.79	1.79
	430	Plastic (high)	4.18	4.85	6.85
	435	Plastic (low)	2.78	3.19	4.42
	531	Aluminium	1.77	1.77	6.40

* The fees will change from January 1, 2021 for the full year 2021.

** The fees will change from October 1, 2020, for the full year 2021.

Turkey – ÇEVKO

According to the legislations in Turkey all companies are obliged to pay “recovery contribution fee” to the government, specifically to the Ministry of Finance. The fee is paid for packaging and other products that cause waste based on a list of items. In case of packaging, the fee is paid by the packers, fillers and importers and the list includes packaging made of glass, metals, plastics, paper-board, composites and wood.

ÇEVKO offers contracts for the use of “the Green Dot” trademark in Turkey.

The annual fixed fee for the use of the Green Dot logo for packaging circulated in Turkey in 2022 is **3.250 Turkish Lira (TL) + V.A.T.**

Please note that the trademark usage contract **only covers the cost for use of “the Green Dot” trademark on packaging put on the market in Turkey.** When it is signed, it gives the approval to mark the sales packages with the trademark in Turkey.

United Kingdom - Valpak

Compliance costs in the UK are based on a mechanism whereby those who handle packaging are given an obligation (recycling target) based on the amount of packaging they handle multiplied by a national target. This gives each obligated business a fixed tonnage obligation at the start of each year that they must fulfil by proving that they have funded the equivalent tonnage of packaging recycling.

Collection and recycling of packaging materials is carried out by local authorities, waste management companies and material reprocessors. For each tonne of packaging material recycling or recovered, the final reprocessor is entitled to produce a certificate called a PRN (packaging waste recovery note) which they may then sell to an obligated business, who can use it to fulfil some of their recycling obligations.

This means that the demand for PRNs is fixed at the start of the year and the supply depends on the amount of recycling that takes place for each packaging material. If there is not enough recycling taking place for a material, then the PRN price will increase as demand outstrips supply. As in any commodity market, this encourages more suppliers to enter the market and collection and recycling rates increase again causing price to reduce.

2022 Cost Estimates

Since the UK system is dynamic and supply will alter throughout the year affecting prices, it is not possible to predict end of year costs at the beginning of each year. During 2020, the significant increases seen in the cost of several materials across 2019, particularly plastic and aluminum were not repeated, with far less volatility being experienced even with the COVID-19 pandemic and national lockdowns.

PRN costs are the cost per tonne of packaging collected for recycling/recovery rather than sales. The figures shown overleaf have therefore been adjusted to show an equivalent cost per tonne of packaging put onto the market (to enable easier comparison).

The following table demonstrates the range in which we expect costs to fall by the end of 2021 (expressed as £/tonne material placed on to the market) but it is subject to change:

Material	Cost Forecast/ Tonne (£)	UK Business Targets 2022
Paper	£5.50-£11.50	83%
Glass	£14.50-£19.50	82%
Aluminium	£20.00-£40.00	69%
Steel	£13.00-£17.00	87%
Plastic	£105.00-£180.00	61%
Wood	£3.00-£6.00	35%
General Recycling	£6.00-£12.00	77%

Please note that the UK works on the basis of shared producer responsibility, so the obligation will be split between raw material manufacturers (6%), converters (9%), pack/fillers (37%) and sellers (48%). Importers will pick up a rolled-up obligation.

Green Dot Fees 2022

As the UK has implemented a PRN commodity market system for packaging compliance, Green Dot fees are not required to fund recycling activities. However, producers are allowed to use the Green Dot in the UK, for example where they use common packaging across different European Member States, providing they apply for a UK licence. The licence holder for the UK is Valpak. As such, the Green Dot is available free to Valpak members, and is sub-licensed on a not-for-profit basis for non-members and to a number of other producer schemes.

The costs of a sub-licence for an individual licence holder for 2022 is £295 + VAT

Participation Costs Overview 2022 without guarantee of complete accuracy, adjustments possible in the course of the year.