

Participation Costs Overview 2015



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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 industry’s back door.
- 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.
- 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 regimes influence costs: The more companies participate in the scheme, 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 2014 (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 question, please feel free to contact me.

Best regards,



Managing Director of PRO Europe s.p.r.l.

Austria - ARA Altstoff Recycling Austria AG

LIST OF TARIFF RATES

Valid from 1 January 2015

Household packaging	Rates (€/kg) excl. VAT	
	from 01.01.2014	from 01.01.2015
1.01.0 Paper, household	0.090	0.095
1.02.0 Glass, household	0.071	0.082
1.03.1 Ferrous metal, household	0.220	0.240
1.03.2 Aluminium, household	0.360	0.290
1.04.1 Plastic, household	0.530	0.565
1.04.2 Beverage cartons, household	---	0.590
1.04.3 Other composite materials, household	0.580	0.565
1.04.4 Ceramics, household	0.140	0.140
1.04.5 Wood, household	---	0.018
1.04.6 Textile fibres, household	0.200	0.200
1.04.7 Biodegradable materials, household	0.450	0.450
Commercial packaging	from 01.01.2014	from 01.01.2015
2.01.0 Paper, commercial	0.033	0.035
2.02.0 Glass, commercial	---	0.050
2.03.1 Ferrous metal, commercial	0.085	0.060
2.03.2 Aluminium, commercial	---	0.080
2.04.1 Foils, commercial	0.090	0.070
2.04.2 Moulded containers, commercial	0.090	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
2.08.0 Ceramics, commercial	---	0.140
2.09.0 Wood, commercial	0.007	0.008
2.10.0 Textile fibres, commercial	---	0.200
2.11.0 Biodegradable materials, commercial	---	0.100
ARA minimum fee (see Section VI.4. of ARA's Terms and Conditions): € 90,- excl. VAT		
ARA flat fee (see Section VI.5. of ARA's Terms and Conditions): € 150,- excl. VAT		

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

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 can not be assigned to the tariff categories 1.1. to 9.2. 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).

Pricing model for packaging waste of categories 1.1., 5.1. and 7.0. that is recovered through commercial systems

For certain types of packaging, ARA license partners may use commercial tariffs instead of standard tariffs in the calculation of their quantity-based license fees, provided they can furnish adequate documentation that these waste arisings were recovered through a commercial collection system. Adequate documentation means transparent and plausible data, like e.g. sales data, customer structure or sales statistics. This pricing model applies to sales packaging paper (category 1.1.), ferrous metal small (5.1.) and plastics small (7.0.); the commercial tariffs to be used instead are for transport packaging paper (1.2.), ferrous metal large (5.2.) and industrial, commercial and large plastic packaging (9.1. and 9.2.), respectively.

Packaging waste generated in companies and organisations with household-like packaging waste arisings has to be allocated to the household systems. ARA's commercial tariffs are not applicable in such cases.

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).

- Informationsblatt Getränkeverbundkartons (beverage cartons)
- Informationsblatt Klassifikation Kunststoffe (plastics)
- 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)

Belgium - Fost Plus

The Green Dot tariffs (2013)

1 The Green Dot tariffs per material in EUR / kg

Code	Materials	Rate in EUR / kg excl. VAT
001	Glass	0,0233
002	Paper – cardboard	0,0176
003	Steel (> 50%)	0,0471
004	Aluminium (> 50% and > 50μ)	0,0397
005	PET bottles and flasks (and PET caps) *	0,1090
007	HDPE bottles and flasks (and HDPE caps)	0,1090
008	Drinks cartons	0,2310

	Others recoverable	Rate in EUR / kg excl. VAT
011	Plastics	0,2654
012	Composite packaging, in which the majority material is paper-cardboard	0,2654
013	Composite packaging <ul style="list-style-type: none"> • Aluminium < 50μ • Steel < 50% but highest weight, < 50μ 	0,2654
014	Composite packaging, in which the majority material is plastic	0,2654
016	Other materials (wood, textiles, etc.)	0,2654

	Others non-recoverable	Rate in EUR / kg excl. VAT
017	Composite packaging, in which the majority material is glass	0,4119
018	Composite packaging <ul style="list-style-type: none"> • Aluminium < 50% but highest weight, > 50μ • Steel < 50% but highest weight, > 50μ 	0,4119
019	Other materials (china, stoneware, etc.)	0,4119

* The PET tariff is applicable for bottles and flasks in transparent PET, being furthermore colourless, green or blue and for caps in PET.

2 How to apply the tariffs?

- The contribution per packaging unit (as described in a packaging sheet) will never be less than 0,000001 euro. If the weight-based contribution calculated is lower, it will be increased to 0,000001 euro.
- Each packaging element that can be separated from the body of packaging (label, cap, etc) must be declared under the tariff based on the material which it consists of. Example: a telephone packaged in a cardboard box – it comprises the handset itself plus a battery, two cables and a telephone socket. The handset is packaged in plastic film (to be declared under the rate for ‘others recoverable: plastics (011)’) with a paper label (to be declared under the rate for ‘paper-cardboard (002)’). There are also three plastic bags containing the cables, battery and telephone socket (to be declared under the tariff for ‘others recoverable, plastics (011)’), each with one label (to be declared under the tariff for ‘paper-cardboard (002)’).

Important note: household packaging marked with a skull and crossbones symbol must always be declared under the tariff for ‘others recoverable’ or under the tariff for ‘others non-recoverable’.

This rule will be reviewed as soon as a legal definition for hazardous products is available.

- The **glass tariff (001)** applies to glass bottles, flasks and jars with the exception of packaging elements made of pyrex, crystal or natural opaline containing more than 600 ppm fluorine. In these cases, the tariff for ‘others non-recoverable (017)’ applies.
- The **paper-cardboard tariff (002)** applies to all paper-cardboard packaging elements containing more than 85% by weight of papercardboard. This means that 15% (of the weight) can consist of other closely bonded, impregnated or laminated materials, which cannot easily be separated by consumers. If paper-cardboard represents less than 85% of the total weight, the tariff for ‘others recoverable (012)’ applies.
- The **steel tariff (003)** applies to all packaging elements containing more than 50% of steel. Packaging elements composed of less than 50% of steel, although steel is the majority material in the composite and its thickness is < 50 µ, must be declared under the tariff for ‘others recoverable (013)’. If the thickness of the packaging is > 50 µ, the tariff for ‘others non-recoverable (018)’ applies.
- The **aluminium tariff (004)** applies to all packaging elements containing more than 50% by weight of aluminium with a minimum thickness of 50 µ. If a packaging element contains less than 50% of aluminium and its thickness is < 50 µ, the tariff for ‘others recoverable (013)’ applies. If a packaging element contains less than 50% of aluminium (although aluminium is the majority material in the composite) and its thickness is > 50 µ, the tariff for ‘others nonrecoverable (018)’ applies.
- The **PET tariff (005)** applies to bottles and flasks in transparent PET, being furthermore colourless, green or blue, and for caps in PET.
- The **HDPE tariff (007)** applies to HDPE bottles and flasks as well as to HDPE caps.
- The **drinks carton tariff (008)** applies to all laminated cardboard packaging elements – with or without cap – made of cardboard/ aluminium/plastic material of

of cardboard/plastic material, which are used as packaging for liquid food products, primarily milk, milk products and fruit juices. It also applies to laminated cardboard refills for fabric softeners and detergents.

- The tariff for **'others recoverable'** applies to packaging elements which are not covered by the tariffs above but which are made of materials considered to be recoverable. These materials are:
 - PET (except for bottles and flasks in transparent PET, being furthermore colourless, green or blue, and for caps in PET) (011)
 - HDPE (except for bottles, flasks and caps) (011)
 - Other single-material plastic (PVC, PP, PS, EPS, ...) (011)
 - Other multi-material plastic (011)
 - Paper-cardboard (< 85%) (012)
 - Paper-cardboard/aluminium (< 50%/< 50 μ) (012)
 - Paper-cardboard/plastic (012, 014 depending on majority material)
 - Paper-cardboard/plastic/aluminium (< 50%/< 50 μ) (012, 013, 014 depending on composition*)
 - Aluminium (< 50 μ) (013)
 - Plastic/aluminium (< 50%/< 50 μ) (014)
 - Wood (016)
 - Textile, including natural fibres (016)
 - Steel < 50% but majority material and the thickness < 50 μ (013)

* This composite packaging must be declared under the tariff for 'others non-recoverable (018)' if the aluminium, which represents less than 50% by weight and has a thickness > 50 μ , is still the majority material.

- The tariff for **'others non-recoverable'** applies to packaging and packaging elements and/or materials which fall outside the conditions of application of the tariffs above (e.g. ceramic, china):
 - Composite packaging with glass as the majority material (017)
 - Composite packaging (018) in which:
 - Aluminium < 50% of the total weight (although remaining the majority material) with a thickness > 50 μ
 - OR
 - Steel < 50% of the total weight (although remaining the majority material) with a thickness > 50 μ
 - Other materials (019)

Federation of Bosnia and Herzegovina – Ekopak

Packaging fees 2015

Packaging material	Packaging fee* (BAM / ton)	Packaging fee* (EUR / ton)
Glass	25	12,78
Metal	18	9,20
Paper	25	12,78
Plastic	35	17,89
Wood	16	8,18
Multilayer, and/or other materials	30	15,33
Packaging containing and /or contaminated by hazardous materials	550	281,21

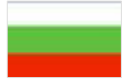
* VAT 17% is not included
1 EUR = 1,95583 BAM

Packaging fees for isolated use of Green Dot trademark on the territory of Bosnia and Herzegovina

Packaging material	Fee for Green Dot usage (BAM/ton)	Fee for Green Dot usage (EUR/ton)
Glass	4,50	2,30
Metal	3,20	1,64
Paper	4,50	2,30
Plastic	6,20	3,17
Wood	3,00	1,53
Multilayer, and/or other materials	5,40	2,76
Packaging containing and /or contaminated by hazardous materials	95,00	48,57

1 EUR = 1,95583 BAM

* VAT 17% is not included



Bulgaria - EcoPack

Material	Fees
Plastic	0.157
Paper and cardboard	0.112
Glass	0.060
Metals	0.041
Aluminum	0.144
Composites	0.194
Wood	0.062
Others	0.259

Prices are in BGN, per kg, excluding VAT and apply for packages placed on the market from 01.01.2013 that will be reported after 01.02.2013.

1 EUR = 1.95583 BGN

The additional tariff reduction is achieved due to the following changes in our commercial policy

- 10% discount is introduced for all customers who submit their reports by the 15th of the month, following the reporting. The deduction is given in each invoice;
- 20 % discount for timely payment. The requirement is the payment to be made by the 25th day of the month following the reported one.



CROATIA – Eko-Ozra

State Fund for the energy efficiency and environmental protection:

Fee for all the packaging 2015:

a) *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 packaging for drinks:

a) *Waste disposal fee per packaging unit*

0,10 kn per packaging unit (beverages and drinks) placed on market

0,02 kn per packaging unit (milk and dairy products) placed on market

b) *Refundable fee*

0,50 kn per packaging unit of one-way packaging for the volumes bigger than 0,2 L (PET, AL, Fe, glass) placed on market



State Fund for the energy efficiency and environmental protection

c) Incentive fee depending on volume and content

per unit of one-way packaging for the producers who didn't achieve National objectives

material	volume (lit.)	fee in kn
PET, multilayered (composite), other polymeric materials, glass	- 0,25	0,09
	0,26 - 0,50	0,15
	0,51 - 1,50	0,21
	1,51 -	0,30
AL - FE cans		0,30

National objectives of the share of the reusable packaging

product	national objectives of the share of the reusable packaging in %
Wine	25
Spirits	25
Beer	65
Juices and other drink types	25
Water, mineral, spring and table	25

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 (2015)

Material	EUR per tonne 2013
Household Packaging	
Glass	29.06
Carton	47.14
Metal	95.39
Aluminum	21.38
PET	105.89
HDPE	105.89
Cardboard Liquid Containers	122.75
Other reusable	131.05
Other non-reusable	157.27
Commercial/Industrial Packaging	
Corrugated carton	43.31
Plastic	37.94
Wood	12.42
Other	50.27

Czech Republic - EKO-KOM

Remuneration structure for ensuring compliance with the obligation to return and recovery of packaging waste through the EKO-KOM					
Valid from 1.4.2011		Reusable packaging ¹⁾		One-way packaging ²⁾	
		CZK/t	EUR/t ^{*)}	CZK/t	EUR/t ^{*)}
Sales packaging	Soft plastics	0,00	0,00	5.196,00	189,64
	Rigid plastics	0,00	0,00	5.196,00	189,64
	Rigid plastics above 5L	0,00	0,00	3.896,00	142,19
	Corrugated board	0,00	0,00	1.363,00	49,74
	Paper	0,00	0,00	2.743,00	100,11
	Glass	0,00	0,00	1.820,00	66,42
	Metals Fe	0,00	0,00	1.582,00	57,74
	Metals Al	0,00	0,00	2.107,00	76,90
	Metals above 5L	0,00	0,00	704,00	25,69
	Beverage cartons	0,00	0,00	3.868,00	141,17
	Combined materials	0,00	0,00	5.566,00	203,14
	Wood	0,00	0,00	1.086,00	39,64
	Textile	0,00	0,00	1.086,00	39,64
	Others	0,00	0,00	5.566,00	203,14
Group packaging	Plastics	0,00	0,00	575,00	20,99
	Corrugated board	0,00	0,00	316,00	11,53
	Paper	0,00	0,00	316,00	11,53
	Metals Fe	0,00	0,00	483,00	17,63
	Metals Al	0,00	0,00	483,00	17,63
	Combined materials	0,00	0,00	575,00	20,99
	Wood	0,00	0,00	322,00	11,75
	Textile	0,00	0,00	322,00	11,75
Transport packaging	Plastics	0,00	0,00	575,00	20,99
	Corrugated board	0,00	0,00	316,00	11,53
	Paper	0,00	0,00	316,00	11,53
	Metals Fe	0,00	0,00	483,00	17,63
	Metals Al	0,00	0,00	483,00	17,63
	Combined materials	0,00	0,00	575,00	20,99



	Wood	0,00	0,00	322,00	11,75
	Textile	0,00	0,00	322,00	11,75
	Others	0,00	0,00	575,00	20,99
Industrial packaging	Plastics	0,00	0,00	575,00	20,99
	Corrugated board	0,00	0,00	316,00	11,53
	Paper	0,00	0,00	316,00	11,53
	Glass	0,00	0,00	1.820,00	66,42
	Metals Fe	0,00	0,00	483,00	17,63
	Metals Al	0,00	0,00	483,00	17,63
	Combined materials	0,00	0,00	575,00	20,99
	Wood	0,00	0,00	322,00	11,75
	Textile	0,00	0,00	322,00	11,75
	Others	0,00	0,00	575,00	20,99
	Fee discount based on the Article VI., Paragraph 7 of the Contract on Collective Compliance (per year)				500,00
Fee under the Agreement on Comprehensive Fulfilment of Part III., Article VI, valid from 1.1. 2011 (per year)				1.600,00	58,39

All prices are without VAT				
1) Reusable packaging, to meet § 13 Article 2 of Act No. 477/2001 Coll., as amended by later regulations				
2) Packaging which does not meet § 13 Article 2 of Act No. 477/2001 Coll., as amended by later regulations				
*) Payment are paying in CZK. Exchange rate of April 17, 2014 is:				
			1 EUR ~	27,40 CZK
!!! The fees in EUR are just for information. !!!				

Estonia – ETO-2015

Material	EUR/kg
Sales packaging	
Glass and ceramics	0.102
Paper and carton, including beverage carton	0.105
Plastic	0.409
Metal	0.255
Wood	0.041
Transport and group packaging	
Paper, carton, corrugated board	0.093
Plastic	0.109
Metal	0.128
Wood	0.041

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

France – Eco-Emballages

Contribution by weight : 2015 (= 2014)	Contribution by weight 2015 (€ ct/kg)
Glass	1.21
Steel	3.15
Aluminium	9.28
Cardboard	16.33
Brick packages	17.04
Other materials	23.29
Clear PET plastic bottles/jars	24.22
Other bottles/jars	24.47
Other plastics	28.06

Contribution by unit

	Contribution by unit 2013 (€ ct)	Contribution by unit 2014 (€ ct)	Contribution by unit 2015 (€ ct)
Unit ≤0,1 g	0.01	0.01	0.01
Unit ≤ 0.5 gram	0,02	0,03	0,03
0.5 gram < unit ≤1 gram	0,06	0.077	0,068
Unit > 1 gram	0.077		

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

Participation in the DSD compliance scheme and use of the trademark “Der Grüne Punkt” in Germany

The fees for the **isolated trademark use “Der Grüne Punkt / The Green Dot”** for packaging circulated in Germany are calculated the same way – multiplied with the following prices:

The costs for DSD’s compliance fee (fee for participation in the dual system of DSD) are based on weight and material type of the packaging. The materials are separated in 8 types:

- Glass
- Plastics, Paper, Cardboard
- Aluminium
- Tinplate
- Composite carton (beverage carton etc.)
- Miscellaneous composites
- Organic 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 and by the number of packagings put on market 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 “Online Service”.

<http://online.gruener-punkt.de/>

MATERIAL	EURO/TON
Glass	1.00
Paper/cardboard	3.00
Plastic	17.00
Composites	13.00
Tinplate	5.00
Aluminium	13.00
Miscellaneous Composites	13.00
Organic 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 here:

https://portal.gruener-punkt.de/onlinedsd/f?p=200:101:0:ENGLISCH:::IG0_VSPRACHE:EN



Greece - HE.R.R.Co.-2015

Contributions (€ cents/unit)	
Fixed contribution	0.04

Contribution by weight (€/ton)	
Cardboard & Paper	52.50
Paper cartons for liquids	57.00
Plastics	66.00
Aluminium	8.80
Metal	21.00
Glass	10.90
Wood	9.50
Other	66.00

Hungary - ÖKO-Pannon-(basis 2012)

The legislative environment in Hungary in 2015 is still intransparent at the moment; interested persons should contact Öko Pannon directly for up to date information on any related matters.

Non commercial packaging		Licence fee 1. (Hp)
Glass		5
Plastic	Plastic consumer packaging	20.9
	Other plastic	18.2
Paper and cardboard		8.7
Metal	Aluminium	6
	Aluminium drink can	6.6
	Other metal	3.4
Wood		6.9
Natural textile		8.7
Composite	Beverage carton	175
	Other	22.5

Commercial packaging material	Licence fee 1. (Hcs)	Licence fee 2. (Hk)
Glass (commercial packaging glass)	5	0.042
Plastic (except plastic shopping bags)	20.9	0.5
Plastic shopping bags	20.9	0.7
Metal commercial packaging (aluminium)	6.6	1.65
Metal commercial packaging (other metal)	3.4	1.65
Layered beverage packaging	17.5	0.65

Ireland - Repak –2015

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.

Activity in Supply Chain	Cost EUR/kg	Fee type
Manufacturer	0.205	Participation fee
Convertor	0.205	Participation fee
Brandholder/Importer	(see below)	Material-specific fee
Distributor/Wholesaler	0.205	Participation fee
Retailer	0.410	Participation fee

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/kg
Paper/Cardboard	2.273
Glass	0.918
Aluminium	8.362
Steel	7.851
Plastics - general	8.916
Plastics - rigid bottles	8.916
Wood	1.060
Composite A (Paper/Plastic)	7.578
Composite B (Steel/Aluminium)	11.148

Israel – TAMIR

Financial Contribution Tariff per Material - 2015

Material	NIS per Ton - Household	NIS per Ton - Commercial
Glass	393	100
Cardboard & Paper	196	100
Drinking Carton	403	100
PET	294	102
HDPE	289	102
LDPE	388	102
PP	428	102
PS	465	102
Other Plastic/Material	465	102
Metal	205	68
Wood	100	122

1 Euro = 5 NIS

Latvia - LATVIJAS ZAĻAIS PUNKTS, JSC

The licence fee tariffs for 2015 (VAT excluded):

No.	Type of Packaging	License fee
		EUR/kg
1.	Glass	0,062
2.	Plastic (polymer), except bioplastic	0,149
3.	Metal	0,068
4.	Paper, cardboard and other natural fibers, bioplastic	0,033
5.	Wood	0,016

The fee for composites (laminates) must be paid for that packaging material which is predominant.

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

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

Lithuania - UAB "Zaliasis taskas" (2012 data)

Fees for 2012

Packaging Material	Price € per ton of packaging put on the market (21% VAT excl.)
Glass	59.37
Plastics (PET excluded)	27.51
PET	7.53
Metal	27.51
Paper/Cardboard	1.30
Composites	83.99
Other (including wood)	1.30
BC	7.53
HDPE	2.55

Luxembourg - VALORLUX

Green Dot fees from 2011 to 2015 €/kg excl. VAT

Glas	0,0237
Paper/Cardboard	0,0421
Steel	0,0088
Aluminium	0,0703
PET bottles	0,3198
HDPE bottles	0,3198
Beverage cartons	0,3583
Others recoverable	0,4156
Others not recoverable	0,4572



Macedonia - PAKOMAK d.o.o Skopje (2015)

The license fees for obligated companies in Macedonia

Fees 2015		in EUR/ton
	<i>Packaging Material</i>	
1	Paper/cardboard	18.20
2	Plastics	22.10
3	Glass	19.80
4	Metal	20.80
5	Composite materials	22.00
6	Wood	21.20
	*1 EUR = 61,6 denars.	
	* VAT 18% not included.	

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

Fees 2015		in EUR/ton
	<i>Packaging Material</i>	
1	Paper/cardboard	2.53
2	Plastics	4.88
3	Glass	1.83
4	Metal	3.45
5	Composite materials	5.36
6	Wood	1.63
	*1 EUR = 61,6 denars.	
	* VAT 18% not included.	



Malta - GreenPak

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

Membership Fees 2014

Payment Terms	
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.

The Netherlands - Nedvang

Packaging tariffs in the Netherlands in 2015

Material	Tariff (€/kg) VAT not included
Glass	0,0595
Paper/board	0,0233
Plastics	0,3876
Bioplastics ¹	0,0212
Aluminium	0,0212
Other metals	0,0212
Wood	0,0212
Other materials	0,0212
General tariff (if you cannot specify the packaging materials)	0,4700
Beverage cartons ²	0,1200
Deposit bottles ³	0,0212
Plastic bottles without deposit	

1. Bioplastics: a packaging made of plastics that is proven to be biodegradable under CEN 13 432.

2. The fee for beverage cartons is equal for each of the materials that are used in this type of packaging.

3. The fee for bottles that take part in a deposit system (mainly PET bottles with a content of 1 litre or more, glass) is equal.

4. For the application of this fee, please see [page 16 of the policy document of the Packaging Waste Fund](#).



Norway - Grønt Punkt Norway

Financing

The costs of running the collection and recovery schemes are covered by the license fees paid by Grønt Punkt Norges (Green Dot Norway's) members in dependence on the pro rata consumption declared per period. The fee is then distributed to the five material companies. Every second month member companies submit a form to Green Dot Norway declaring how much packaging they have put into circulation.

Grønt Punkt Norge is a non-profit organisation owned by the five material companies.

Tariffs

How are the licence fees calculated?

About the figures:

- VAT not included
- EUR 1 = NOK 9,042 (Jan 2, 2015)
- NOK 1 = 100 øre
- Valid per 1.1.2015

			Change date
Plastic Packaging			
All packaging items and films	115	øre per kg	
Expanded plastic (EPS and other types)	240	øre per kg	
Special rates: Carrier bags under 10 litres	1.15	øre per piece	
Carrier bags over 10 litres	2.10	øre per piece	
Plastic for hazardous products	115	øre per kg	
Fibre-based Packaging			
Cardboard packaging base weight > 150 g/m ²	37	øre per kg	1.1.2014
Moulded fibre packaging for eggs, etc.	37	øre per kg	1.1.2014
All liquid board packaging containers	3.60	øre per piece	1.3.2014
Corrugated board and solid board > 600 g/m ²	5	øre per kg	
Glass Packaging containers			
Volume 0-250 ml	7.3	øre per piece	
Volume 251-500 ml	14.5	øre per piece	
Volume > 500 ml	21.9	øre per piece	



Metal Packaging containers			
Can volume 0-250 ml	3.4	øre per unit	
Can volume 251-500 ml	7.7	øre per unit	
Can volume > 500 ml	13.0	øre per unit	
Tubes	3.7	øre per unit	
Table serving items	1	øre per unit	
Aluminium trays 0-500 ml	3.7	øre per unit	
Aluminium trays > 500 ml	8.5	øre per unit	
Lids	0.7	øre per unit	
Crown corks	0.2	øre per unit	
Hazardous content 0-1.0 litre	13	øre per unit	
Hazardous content 1.0-9.9 litres	33	øre per unit	
Hazardous content 10 litres	70	øre per unit	
Hazardous content > 10 litres	155	øre per unit	



Recycling and Recovery Fees and Targets for year 2015

Packaging material type	Recycling and recovery targets in 2015 (%)	Recycling and recovery fee in Rekopol (PLN/kg)	Recycling and recovery fee in Rekopol (EUR*/kg)
Paper/cardboard/Corrugated board	61	0,0140	0,0034
Glass	61	0,0750	0,0181
Plastics	23,5	0,0190	0,0046
Steel	51	0,0400	0,0096
Aluminium	51	0,1200	0,0289
Wood + wooden pallets	16	0,0140	0,0034
Average recycling	56	0,0095	0,0023
Recovery	61	0,0095	0,0023

*1 EUR = 4,15 PLN

The Green Dot License Fees for year 2015

Packaging	License fee 2015 (PLN/kg)
Paper/cardboard/Corrugated board	0,00060
Glass	0,00120
Plastics	0,00080
Steel	0,00070
Aluminium	0,00013
Wood + wooden pallets	0,00030
Administrative fee	800,00

Portugal - Sociedade Ponto Verde

GREEN DOT FEES 2015						
PACKAGING OF FAST MOVING CONSUMER GOODS	PACKAGING MATERIAL	GDF PRIMARY (€/TON)	GDF CHECKOUT BAGS (€/TON)	GDF MULTIPACKS (€/TON)	GDF SECONDARY (€/TON)	GDF TERCARY (€/TON)
	GLASS	16,1				
PLASTIC	200,8	200,8	68,4	0,0	0,0	
PAPER/CARDBOARD	75,9	75,9	26,1	0,0	0,0	
CPF	113,9					
STEEL	84,5		30,9	0,0	0,0	
ALUMINIUM	144,7					
WOOD	13,6		10,3	0,0	0,0	
OTHER MATERIALS	228,8			0,0	0,0	

PACKAGING OF INDUSTRIAL PRODUCTS	PACKAGING MATERIAL	GDF PRIMARY (€/TON)	GDF SECONDARY (€/TON)	GDF TERCARY (€/TON)
	GLASS	0,0		
PLASTIC	0,0	0,0	0,0	0,0
PAPER/CARDBOARD	0,0	0,0	0,0	0,0
STEEL	0,0	0,0	0,0	0,0
ALUMINIUM	0,0			
WOOD	0,0	0,0	0,0	0,0
OTHER MATERIALS	0,0	0,0	0,0	0,0

PACKAGING OF HAZARDOUS INDUSTRIAL PRODUCTS	PACKAGING MATERIAL	GDF PRIMARY (€/TON)	GDF SECONDARY (€/TON)	GDF TERCARY (€/TON)
	GLASS	0,0		
PLASTIC	0,0	0,0	0,0	0,0
PAPER/CARDBOARD	0,0	0,0	0,0	0,0
STEEL	0,0	0,0	0,0	0,0
ALUMINIUM	0,0			
WOOD				0,0

Romania - ECO-ROM

Eco-Rom Ambalaje – Fees 2015

Exchange rate (01.2015): 1 Euro = 4,5 RON

Type of material		Fees	Fees
		(lei / ton)	EURO/to
Glass		74,6	16,58
Plastic	PET	119,95	26,66
	PE	52,95	11,77
	PVC	52,95	11,77
	PP	52,95	11,77
	PS	52,95	11,77
	Other	52,95	10,80
Cardboard - paper		48,61	11,41
Metal	Steel	51,34	11,41
	Aluminium	123,6	27,47
Wood		50,99	11,33

Serbia - Sekopak

Sekopak's fees for packaging waste management in 2014

Material	RSD/Kg*
Paper/cardboard	0.7070
Plastics	1.3130
Glass	0.8100
Metal	0.8750
Wood	0.9250

*The above fees do not include VAT

For Sekopak members fee for using the trademark "The Green Dot" is already calculated in the Sekopak's fees for packaging waste management in 2014.

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

The total packaging waste quantities which user places on the Serbian market per year (tonnes)	The total annual fee (EUR)
0-99	50,00
100-999	250,00
1000-2999	500,00
3000-5999	750,00
6000 or more	900,00



Slovakia - ENVI-PAK

Other plastics besides PET ENVI-PAK's fees for the year 2012

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 PET
- Paper / Cardboard
- Composite beverage carton
- Miscellaneous composites
- 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/Companies.alej>

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

The license fee for the use of the internationally registered "GREEN DOT" pictorial trademark on packaging placed on the market in the Slovak Republic is € 2,805 per ton.

Slovenia - Slopak

PACKAGING AND GREEN DOT ISOLATED LICENCE FEES 2015

PACKAGING MATERIAL	PACKAGING FEE	GREEN DOT LICENCE FEE
	EUR/tonne (VAT not included)	EUR/tonne (VAT not included)
GLASS		
Glass	33,00	2,31
PAPER		
Paper Sales	70,00	4,90
Paper Group and transport	46,00	3,22
PLASTICS		
Plastics Sales	90,00	6,30
Plastics PVC	92,00	6,44
Plastics Sales PET	58,00	4,06
Plastics Group and transport	43,00	3,01
METAL		
Metal Aluminium	61,00	4,27
Metal Steel	66,00	4,62
WOOD		
Wood	43,00	3,01
OTHER MATERIALS		
Other materials Textile, Straw	43,00	3,01
Other materials Non-recyclable	96,00	6,72
COMPOSITES		
Composites (I.) ¹	35,00	2,45
Composites (II.) ²	80,00	5,60
Hazardous waste packaging ³	550,00	38,50

1. Composites (I) – a) paper and plastics, b) paper, plastics and aluminium

2. Composites (II) – other composite materials

3. Packaging contaminated with hazardous waste – mark T, T+, E, and packaging that is marked as hazardous with security sheet for removal.



PACKAGING FEE

Companies within the Slopak system are entitled to use the trademark The Green Dot on the packaging that the company puts on the market in Slovenia. The licence fee for use of the trademark The Green Dot in the amount of 7 percent is already included in the packaging fee.

GREEN DOT LICENCE FEE

Companies that don't sign an agreement with Slopak and use The Green Dot on the packaging that is put on the Slovene market, have to sign the isolated licence agreement with Slopak for the use of The Green Dot.

Spain - Ecoembes

FEES 2015

ORDINARY PACKAGING DECLARATION

MATERIAL	FEES 2014
Steel	0.085 Euro / KG
Aluminum	0.102 Euro / KG
PET, HDPE (Rigid body or Reusable bag-UNE standard)	0.377 Euro / KG
Flexible HDPE, LDPE and other plastics	0.472 Euro / KG
Cardboard for food and drinks	0.323 Euro / KG
Paper and cardboard	0.068 Euro / KG
Ceramic	0.020 Euro / KG
Wood and cork	0.021 Euro / KG
Other materials (*)	0.472 Euro / KG
Glass	0.0028 Euro / Unit + 0.0197 Euro / KG

SIMPLIFIED PACKAGING DECLARATION 2015

Tonnes of material previous year	0-1 Tn	1-3 Tn	3-6 Tn	6-8 Tn
(Euro/year)	210 €	520 €	1,035 €	1,555 €

<http://www.ecoembes.com/en/gestion-de-empresas-adheridas/Pages/tarifas-del-punto-verde.aspx>

Simplified Declaration

ECOEMBES offers the possibility of submitting this kind of Declaration for those companies which simultaneously fulfil the following requirements:

- Total weight of packaging material to be declared must not exceed **8 metric tonnes**. Therefore, a company which wishes to voluntarily declare the commercial and industrial packaging accepted by ECOEMBES may include the same in this Declaration providing that the total amount of packaging declared does not exceed that amount.
- The member company does **not submit any Prevention Plan** through ECOEMBES.

The declaration of a year will be based on the packaging placed on the market in the previous year. In the case of a newly created company, this will have to justify it and the Packaging Declaration will be completed on the basis of the sales forecast for the year in course.

Depending on the metric tonnes of packaging placed on the market, a fixed amount will be invoiced to be paid in one instalment. The weight brackets are:

Bracket	1st	2nd	3rd	4th
Tonnes of material previous	0Tn - 1Tn	1Tn - 3Tn	3Tn - 6Tn	6Tn - 8Tn
Euro/year 2007	139 €	347 €	694 €	1,040 €
Euro/ year 2008 - 2009	153 €	381 €	762 €	1,142 €
Euro/ year 2010 - 2012	210 €	520 €	1,035 €	1,555 €

Sweden – FTI

Packaging fees from April 2015				
	Article-nr	Material	Until March 31 2015	From April 1 2015
			(sek/kg)	(sek/kg)
Household	310	Paper	1.35	1.39
	410	Plastic	1.71	1.93
	511	Aluminium	2.21	2.21
	512	Steel plate	3.59	3.59
Commercial	320	Paper	0.01	0.01
	420	Plastic	0.03	0.03
	521	Aluminium	0.01	0.01
	522	Steel plate	0.16	0.16
	523	Steel drums	0.04	0.04
	524	Steel banding	0.28	0.28
Service-packaging	330	Paper	1.22	1.25
	430	Plastic	1.55	1.74
	531	Aluminium	1.99	1.99

Turkey – CEVKO- 2013

Since 2011 CEVKO has been using a web based tool for service contracts. For details about CEVKO service agreements refer cip.cevko.org.tr.

For the use of the Green Dot logo on packaging, a separate agreement should be signed. The annual fixed fee for the use of the logo is 1000 T.L. + V.A.T.

TRY to be used as reference values; Euro values are only approximations and should be checked against current conversion rate (TRY/€).

United Kingdom- Valpak

Compliance costs in the UK are based on a mechanism whereby those who handle packaging are given an obligation 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 recycled or recovered, the final reprocessor is entitled to produce a certificate called a PRN (packaging waste recovery note) which he may then sell to an obligated business who can use it to fulfil some of his 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.

2015 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. PRN costs are the cost per tonne of packaging collected for recycling/recovery rather than sales. The figures shown below 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 2015 but it is subject to change:

Materials	Cost Forecast/ Tonne (£)
Paper	£1.22 - £1.74
Glass	£11.40 - £17.10
Aluminium	£3.92 - £6.13
Steel	£5.92 - £9.25
Plastic	£9.40-£17.63
Wood	£0.50 - £0.66
Gen Recovery	£1.16 - £1.50

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 2015

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, for example where they use common packaging across different European Member States, providing they apply for a 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 2015 is £295 + VAT.