INSPIRING PACKAGING RECYCLING

Expra

Extended Producer Responsibility Alliance

FOREWORDS

"The foundations of EXPRA rest on the belief of delivering quality waste management services to all citizens, enabling sustainable, circular and carbon-neutral packaging.

FOREWORDS

Today, within Europe and globally, the linear “take-make-waste” patterns of production and consumption are considered to have had detrimental effects in relation to climate change, resource efficiency and environmental protection. The solution to these challenges is a circular economy where resources are used in an efficient and sustainable way.
The Extended Producer Responsibility (EPR) is an essential part of this approach which the European Commission has recognised in the recently published Circular Economy Package.

The Extended Producer Responsibility Alliance (EXPRA) currently embraces 32 members from 30 countries. These include 18 EU Member States (Belgium ,Bulgaria, Cyprus, Czech Republic, Estonia, Finland, Greece, Hungary, Italy, Luxembourg, Malta, the Netherlands, Romania, Slovakia, Slovenia,Spain and Sweden), Bosnia and Herzegovina, Canada, Chile, Colombia, Denmark, Iceland, Israel, Macedonia, Norway, Switzerland, Turkey. Every year, our members, on behalf of the obliged industry, recover and recycle over 18 million tons of packaging, and provide over 210 Million inhabitants with packaging collection, sorting and recycling infrastructure.

EXPRA’s members, owned and run by the obliged companies, offer waste management solutions based on the EPR principle. Inso doing, they operate on a not-for-profit model since their activities are driven by the industry’s public service mission of acting in a socially-responsible manner. This allows EXPRA to deliver services of general economic interest that are both cost and resource-efficient.

Claude Turping
President of EXPRA

CEO of Valorlux

Joachim Quoden
Managing Director of EXPRA

Monika Romenska
Regulatory & Public Affairs Manager at EXPRA

Valeria Branca
Project Manager at EXPRA

Over the past ten years, EXPRA has become the voice of EPR schemes in Europe. Our organisation has been recognised as a key stakeholder by the EU institutions, the obliged industry, business associations and NGOs alike. EXPRA has developed studies and position papers aimed at sharing expert knowledge with European audiences, including policy-makers, in the field of both EPR and Packaging waste management.

This brochure explains EXPRA’s principles and values, its structure and activities. It also provides key facts and figures relating to members’ activities as well as EPR best practice.

We would like to thank everyone involved in the production of this publication, which, we hope, you will find of interest.

EXPRA BOARD OF DIRECTORS

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The Board of EXPRA is made up of 11 Representatives of the members and is responsible for the overall strategic direction of EXPRA and overseeing its operations to ensure they fulfill the obligations of the Mission of EXPRA:

'To be the umbrella organisation of not-for-profit producer responsibility organisations dealing with used, mainly household, packaging which is owned by the obliged industry.
It aims to act as the authoritative voice and common policy platform representing the interests of its member organizations, and to run a network for the exchange of best practices within its members. Finally, it is the promoter of the EPR golden rules and works on the implementation of these rules into European and national legislation.'

The members of the Board are elected for a 2 year period and are led by a President and supported by the work of the Managing Director, who is also member of the Board. The Board receives updates from each of the work stream committees on a regular basis to maintain full oversight of the developments relating to the environments the members operate in.

PRESENTATION OF THE BOARD OF EXPRA

Claude Turping
Valorlux

Joachim Quoden
EXPRA

Hester Klein Lankhorst
Verpact

Francis Huysman
Fost Plus

Zbynek Kozel
EKO-KOM

Rosa Trigo Fernández
EcoEmbes

Simona Fontana
CONAI

Mario Schembri
Greenpak

Jaana Røine
Grønt Punkt Norge

Maryse Vermette
Éco Entreprises Québec

Alexander Urmanov
ECOPACK

EXPRA MEMBERS

“

EXPRA members, owned by obliged industry and operating on non for profit basis, work to ensure that the recovery and recycling of Packaging waste are conducted in the most economically efficient and ecologically sustainable manner.

Over the past 30 years, EXPRA 32 members across 30 countries, including 18 EU Member States, have co-organised the collection, sorting and recycling of used packaging (both commercial and household packaging) on behalf of the obliged industry.

Thus In so doing, they fulfilltheir legal take-back and recycling obligations, serving over 210 million inhabitants and recycling over 18million tons of packaging per year. EXPRA members also support them on issues related to packaging sustainability.

PRESENTATION OF EXPRA MEMBERS


AUSTRALIA
NPRS
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BELGIUM
VALIPAC-FOSTPLUS
Francis Huysman


BULGARIA
ECOPACK
Alexander Urmanov


Bosnia & Herzegovina
EKOPAK
Amela Hrbat


CANADA
Circular Materials
Allen Langdon


CANADA
Eco-Entreprises Québec
Marys Vermette


CHILE
ReSimple
Nathalia Silva


COLOMBIA
Vision 30/30
Felipe Belalcázar


CYPRUS
Green Dot Cyprus
Marios Vrahimis


CZECH REPUBLIC
EKO-KOM
Zbynek Kzel


DENMARK
VANA
Marianne Roed Jakobsen


ESTONIA
ETO
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RINKI Ltd
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GREECE
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HUNGARY
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NORTH OF MACEDONIA
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MALTA
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Mario Schembri


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Hester Klein Lankhorstl


NEW ZELAND
The Packaging Forum
Lyn Mayes


NORWAY
Grnt Punkt
Jaana Røine


POLAND
Rekopol
Jakub Tyczkowski


ROMANIA
ECO-ROMAmbalaje
Bogdan Ureche


SLOVAKIA
ENVI-PAK
Hana Novakova


SLOVENIA
Slopak
Franci Turk


SPAIN
Ecovidrio
José Manuel Nuñez-Lagos


SPAIN
Ecoembes
Rosa Trigo Fernández


SWITZERLAND
Swiss Recycling
Rahel Ostgen


SWEDEN
NPA
Helena Nylén


TURKEY
CEVKO
Mete İmera

PRESENTATION OF EXPRA MEMBERS

AUSTRALIA BELGIUM BELGIUM B&H BULGARIA CANADA CANADA

CHILE COLOMBIA CYPRUS CZECH REPUBLIC DENMARK ESTONIA FINLAND

GREECE HUNGARY ICELAND ISRAEL ITALY LUXEMBOURG N. MACEDONIA

MALTA NETHERLANDS NEW ZELAND NORWAY POLAND ROMANIA SLOVENIA

SLOVAKIA SPAIN SPAIN SWEDEN SWITZERLAND TURKEY

BEST PRACTICES FOR PACKAGING EPR

Organisations can achieve the best environmental and economic results.

The Extended Producer Responsibility (EPR) is based on the principle that so-called ‘obliged companies’ take responsibility for the end-of-life management of the products they put on the market. For household packaging, EPR ensures that the entire packaging chain is optimized and that packaging is developed in a more sustainable manner.

To achieve the best results – both economically and environmentally — the EPR organisation should be owned by the obliged companies and run on a not-for-profit basis. The table below outlines what EXPRA considers as **ten key principles** for EPR.

BEST PRACTICES FOR PACKAGING EPR

1. The essence of EPR is the producer's responsibility for a product throughout its lifecycle
2. EPR compliance schemes should be run and steered by the obliged companies
3. EPR compliance schemes should be not-for-profit / profit-not-for-distribution
4. Collectors, sorters or recyclers of waste should not be active as EPR systems
5. There should be a strong EPR legal framework enforced by public authorities
6. Successful EPR must be based on a partnership between public authorities and EPR providers
7. There should be a level playing field for the provision of EPR services in a given territory
8. Obliged companies should receive equal treatment and share the allocation of EPR costs
9. The industry-owned EPR organisation should pursue a public service mission
10. EPR organisations should support obliged companies to improve the environmental performance of their products and packaging

BEST PRACTICES FOR PACKAGING EPR

1. THE ESSENCE OF EXTENDED PRODUCER RESPONSIBILITY (EPR)

According to the Organisation for Economic Co-operation and Development (OECD), EPR is “an environmental policy approach in which a producer’s Responsibility for a product is extended to the Post consumer stage of a product’s lifecycle”.

It means that companies who put products on the market are obliged to collect and recycle these products and their packaging once they have reached their end-of-life stage.In this sense, it can be seen as a Practical way of implementing the ‘producer pays principle’.

In order to ensure that the products and their packaging are appropriately dealt with once they become waste, the obliged companies set up an EPR organisation to finance, organise, and co-ordinate the collection and Recycling of the waste, using the services of licensed waste management companies.

The obliged companies receive a mandate from the authorities to shift their individual responsibility to the EPR organisation, which then becomes responsible and Organizes the practical implementation.

2. THE EPR ORGANISATION SHOULD BE RUN AND CONTROLLED BY THE OBLIGED COMPANIES

The EPR organisation should be founded, run, financed and controlled by the obliged companies themselves. It is the best guarantee to ensure the lowest cost to society and that the scheme will be both sustainable and compliant with environmental and legal objectives.

When obliged companies financing the EPR organisation are sitting in the boards and committees of this organisation they have the control about the expenses for all operations of the EPR organisation and will keep them in their own interest to the necessary minimum.

Moreover, they can agree to dedicate funding to necessary long term projects like education campaigns to increase the long term performance of the system which would not be run in case of multiple systems competing just on price.

To achieve this, the obliged companies should not only pay a contribution to the EPR organisation, but they should also be actively represented in the EPR organisation.

BEST PRACTICES FOR PACKAGING EPR

3. NOT-FOR-PROFIT ORGANISATION

The EPR organisation should be a not-for-profit or profit-not-for-distribution body. There are several reasons why this is the preferred structure:

- It ensures non-discrimination among all of the obliged companies. A distribution of profit to the founding members/shareholders would constitute discrimination against non-shareholders.
- It also ensures that small and medium size participants receive full and equal service and that the EPR organisation does not just focus on big clients.
- It ensures that every obliged company has a right to join the system and is not been refused.
- It ensures that the interests of the consumers/inhabitants are served and that general interest objectives such as education, prevention, and communication will be pursued. This is especially important in the case of household packaging. Any for-profit company will make all possible efforts to avoid these costs which are –on a short term scale– not necessary to fulfill the minimum targets of the respective legislation.

4. WASTE MANAGEMENT COMPANIES AND/OR INVESTORS CANNOT BE EPR ORGANISATIONS AND VICE VERSA

The natural inclination of investors and waste management companies in an open market is to maximise profit and grow market share – a method that strives for the highest price per tonne of collected and recycled material. Moreover, investors and waste management companies have an interest in increasing the amount of packaging put on the market. This, of course, is contrary to the legal objectives of the waste hierarchy and thereby creates a conflict with serving the public interest.

The focus of the EPR organisation on the other hand is to fulfill the obliged company's obligations in the most efficient and effective way possible.In other words, at the lowest possible cost for the obliged companies and society in general. The EPR organisation should work in close collaboration with the local authorities and negotiate and tender in an open market for collection, sorting, and recycling services.

The legal framework should be set up in such a way that the role of waste management companies is focused on and restricted to the supply of the highest quality services.On the one hand, waste management companies should not interfere in the execution of the EPR. On the other, the EPR organisation should not enter into the collection, sorting, and recycling process itself. Both parties have a distinct and separate role to play in the fulfillment of the EPR–preferably based on a close partnership.

BEST PRACTICES FOR PACKAGING EPR

5. STRONG GOVERNMENTAL SUPPORT AND MONITORING

Public authorities have a key role to play in the enforcement of the EPR.

The national legislation should not only create an effective and efficient legal framework for the Implementation of the EPR, it should also dedicate the necessary resources to fulfill its objectives. In this respect, special and exclusive rights can be granted to a single EPR organisation.In any case the national legislator should set out clear and high criteria for the accreditation of EPR organisations.

In their auditing role, public authorities should enforce this legal framework so that it ensures a qualitative implementation of the EPR, i.e . by using meaningful enforcement procedures to close loopholes and trace free riders.The public authorities should also develop a sound supporting policy. A compulsory Pay-As-You-Throw (PAYT) system on residual household waste can for example work as an incentive for the inhabitants to sort their household packaging waste. They should also refrain from establishing any counter-productive regulations or measures such as packaging taxes and deposit schemes which could impede the execution of the EPR.

6. ROLE OF MUNICIPALITIES/LOCAL AUTHORITIES

A close partnership between the local authorities and the EPR organisation, based on mutual trust, is a condition sine qua non for the success and the environmental sustainability of the EPR.

Municipalities have several roles to play. Many of these roles depend upon the product/waste flow itself.

For example, when the flow concerns household packaging for high-volume, fast moving consumer goods, municipalities play an important role in the set-up and management of door-to-door collections and/or bring or collection point centers.

In this respect, local authorities and the EPR organisations have to agree on the most appropriate collection system, taking into account both local particularities and conformity with national and European requirements.

The local authorities and the EPR organisation should also actively cooperate in local public communication and awareness programmes, data gathering and monitoring, the control of the waste management operators, and the tendering for collection services.

BEST PRACTICES FOR PACKAGING EPR

7. SINGLE OR MULTIPLE EPR ORGANISATIONS?

Having a single EPR organisation responsible for a national territory – organising the collection and recycling of a product category for all obliged companies within national boundaries – has m any advantages.

A single EPR organisation ensures that:

- The government can execute effective and efficient control.
- Obliged companies are treated in a non-discriminatory manner.
- An efficient functioning of the market is created, enabling the lowest societal cost for collection, sorting and recycling.
- Effective national and local awareness and communication campaigns are run.
- Reliable data on the collection, sorting, and recycling of packaging waste can be obtained.

When multiple EPR organisations are in simultaneous operation, it should be noted that the principle of competition regarding the collection of household packaging seldom functions ideally.

This is because those who receive the service (inhabitants)do not choose the EPR organisation (which is selected by the obliged companies).

In countries with multiple EPR organisations – in some cases up to 40 in the same country – it has been observed that the organisations tend to cherry-pick.That means is, they concentrate on the easiest material to collect and recycle. Moreover, public authorities have greater difficulty monitoring the EPR organisations and the obliged companies and avoiding and penalizing free riding.

Also, for each authorized EPR organisation it becomes more or less impossible to monitor the reports of those obliged companies participating in their system as they might participate with remaining packaging in another EPR organisation.Therefore, usually the number of free riders in countries with multiple EPR organisations is higher than in a country with a single organisation.

Competition must however be assured at the level of the waste management activities, meaning on the level of collection, sorting and recycling, which represent over 80% of a successful EPR organisation's total cost.

In any case,EPR should never be reduced to a shopping list of a large number of so-called EPR organisations owned by waste operators and investors, making profits at the expense of and to the detriment of the obliged companies, the environment, and society in general.

BEST PRACTICES FOR PACKAGING EPR

8. SUSTAINABLE FINANCING BASED ON JOINT FINANCIAL RESPONSIBILITY

The EPR organisation must be set up in such a way that all necessary finances are provided for an effective implementation in compliance with the legal framework. The financial contribution of the obliged companies should also be significant enough compared to the total cost. This gives them a strong position in discussions with local authorities regarding the most appropriate collection system to be employed.

The financial contribution of each obliged company must be calculated based upon the amount and type of packaging they put on the market and the real cost of operations –including awareness campaigns and potential revenues from the secondary raw material market. This ensures that all obliged companies receive equal treatment and share a fair allocation of the costs.

9. PUBLIC SERVICE MISSION AND PROCUREMENT PROCEDURES

The EPR organisation should pursue – as part of its statutory purpose – a public service mission regarding the collection, recovery, and recycling of household packaging waste. This means the organisation should serve a higher purpose – realising an environmentally and economically sustainable recycling society, which benefits the inhabitants of the country.

In this respect, the EPR organisation should engage itself in raising awareness about sorting and recycling among the inhabitants and provide support for educational programmes. It should also develop adequate programmes and actions for 'away from home' consumption of household packaging waste.

The EPR organisation should implement transparent and efficient procurement procedures for contracting waste treatment operators such as collectors, sorters, and recyclers. It should observe the principles of equality and neutrality at all times.

BEST PRACTICES FOR PACKAGING EPR

10. PACKAGING OPTIMISATION AND PREVENTION

The EPR organisation should help the obliged companies to improve the environmental performance of their products and their packaging by providing advice and information on packaging optimisation.

Packaging optimisation efforts include improved design of the combined product/packaging, guaranteeing the greatest functionality and longest life, while using safe materials and a minimum of raw materials and resources.

Through its co-ordination efforts, the EPR organisation functions as a ‘bridge’ between the obliged companies and the recyclers. This ensures that the obliged companies gain insight into the recyclability of their packaging and this enables them to take the end-of-life treatment into account during the design of the packaging.

EXPRA -TOPIC OF INFORMATIONS

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EXPRA comprises nine specialized **Topic of Information Networks (TINs)**,
five dedicated **Task Forces**, & a centralized Communication Platform

REGULATORY AFFAIRS TASK FORCE

Monika Romenska
Regulatory & Public Affairs Manager
EXPRA

The Regulatory Affairs Task Force promotes uniform, high-standard, yet practical legislation in the field of packaging and packaging waste across Europe. This Task Force analyzes all relevant European legislation that impacts packaging and packaging waste management, developing and implementing strategic plans to shape EXPRA's positioning on these issues.

In addition, the Regulatory Affairs Task Force facilitates information exchange with producers and importers of packaged products.

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Ecovidrio

KEY FACTS ABOUT EXPRA MEMBERS

Facts and Figures about EXPRA members*

* Information is based on 2024 data
In case of exception the reference year is shown in the footnote

EXPRA MEMBERS

BELGIUM

Fostplus

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COUNTRY	BELGIUM
Name of the system	Fost Plus
Founded	1994
Scope of business	Household packaging
Number of authorized Industrial systems	1
Financial share of producer responsibility	Full costs
Operational responsibility for collection	Fostplus through contract management
Operational responsibility for sorting	
Operational responsibility for marketing	Fost Plus
Number of contributing companies	4802
Income from obliged companies	285,062,361€
Coverage of the country (territory)	100 %
Number of inhabitants	11,584,008 mil
-with access to infrastructure	11,584 mil (100%)
Costs per included inhabitant	109,84 €
Cost average per recovered ton	165 €

EXPRA MEMBERS

BELGIUM

TOTAL AMOUNT OF PACKAGING PUT ON THE MARKET	765,758 t by members

HH PACKAGING PARTICIPATING IN THE SYSTEM	N/a

TOTAL AMOUNT AND PERCENTAGE OF RECOVERY	750 kt = 85%
Glass	326 kt = 100%
Paper	193 kt = 87%
Plastics	97 kt = 42%
Composites (Including PMD residue from the blue bags)	16 kt = 94%
Tinplate	72 kt = 93%
Aluminum	Included in tinplate

TOTAL AMOUNT AND PERCENTAGE OF RECYCLING	95%
Glass	123%
Paper	92%
Plastics * mechanical recycling	61%
Composites	-
Ferrous Metals	105%
Aluminum	94%

TOTAL AMOUNT AND PERCENTAGE OF RECOVERY WITH INCINERATION	2,7%

TOTAL AMOUNT AND PERCENTAGE OF RECOVERY (RECYCLING + RECOVERY WITH INCINERATION)	n/a

COLLECTION	
Glass	Collected via Banks* *separated by color
Paper	Collected together with Newspapers *mostly via curbside collection, but also collection stations
Plastics	Mostly curbside collection with transparent bags *(Blue PMD bag) and also in some cases by container stations
Beverage Cartons	
Metal Packaging	Idem + From MSW, recycling bottom ashes from incineration plants (all MSW is incinerated)

EXPRA MEMBERS

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COUNTRY	BELGIUM
Name of the system	Valipac
Founded	1997
Scope of business	Promote & coordinate the recycling of industrial packaging waste
Number of authorized Industrial systems	1
Financial share of producer responsibility	mixed
Operational responsibility for collection	Private waste collections
Operational responsibility for sorting	Unpackers
Operational responsibility for marketing	Valipac
Number of contributing companies	5927
Income from obliged companies	17 9 mil €
Coverage of the country (territory)	100 %
Number of inhabitants	-
-with access to infrastructure	Irrelevant
Costs per included inhabitant	n/a
Cost average per recovered ton	21 €/ ton

EXPRA MEMBERS

BELGIUM

TOTAL AMOUNT OF PACKAGING PUT ON THE MARKET	914.5 kt

HH PACKAGING PARTICIPATING IN THE SYSTEM	n/a

TOTAL AMOUNT AND PERCENTAGE OF RECOVERY	98,9%
Paper	100%
Plastics	100%
Metals	91,1%
Wood	100%
Other	11,4%

TOTAL AMOUNT AND PERCENTAGE OF RECYCLING	92,4%
Paper	98,2%
Plastics * mechanical recycling	61,5%
Metals	91,1%
Wood	98,0%

TOTAL AMOUNT AND PERCENTAGE OF RECOVERY WITH INCINERATION	130,03 kt = 16,6 %

TOTAL AMOUNT AND PERCENTAGE OF RECOVERY (RECYCLING + RECOVERY WITH INCINERATION)	850,3 kt = 98,9%

COLLECTION	
Glass	n/a
Paper	n/a
Plastics	n/a
Beverage Cartons	n/a
Metal Packaging	n/a

EXPRA MEMBERS

BULGARIA

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COUNTRY	BULGARIA
Name of the system	ECOPACK Bulgaria AD (42% market share, 1 of 4 PROs)
Founded	2004
Scope of business	HH and C&I
Number of authorized Industrial systems	4
Financial share of producer responsibility	ECOPACK 100%
Operational responsibility for collection	ECOPACK 100%
Operational responsibility for sorting	ECOPACK 100%
Operational responsibility for marketing	ECOPACK 100%
Number of contributing companies	Total (8000) - ECOPACK 1150
Income from obliged companies	ECOPAK only- Euro 10,996 Mio
Coverage of the country (territory)	>92% of the country- (ECOPACK covers 42%=market share)
Number of inhabitants	6.878 million
-with access to infrastructure	6,1 million
Costs per included inhabitant	ECOPACK - EUR 5,40
Cost average per recovered ton	ECOPACK - EUR 115

EXPRA MEMBERS

BULGARIA

TOTAL AMOUNT OF PACKAGING PUT ON THE MARKET	totally 427 757 t (ECOPACK 180 742 t)
thereof household packaging	~256 000 t or 60% of the total

HH PACKAGING PARTICIPATING IN THE SYSTEM	100%

TOTAL AMOUNT AND PERCENTAGE OF RECYCLING	
Glass	68,81%
Paper	99%
Plastics (mechanical recycling)	52,1%
Composites	0,1%
Tinplate	95,8%
Aluminum	24,1%
Wood	-

TOTAL AMOUNT AND PERCENTAGE OF RECOVERY WITH INCINERATION	n/a

TOTAL AMOUNT AND PERCENTAGE OF RECOVERY (RECYCLING + RECOVERY WITH INCINERATION)	n/a

COLLECTION	
Glass	Green containers, no color separation
Paper	Blue containers
Plastics	Yellow containers
Beverage Cartons	Included in blue containers
Metal Packaging	Included in yellow containers

EXPRA MEMBERS BOSNIA & HERZEGOVINA

ekopak

Firstlicensed packaging recoveryorganisation in Bosniaand Herzegovina.

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COUNTRY	BOSNIA & HERZEGOVINA
Name of the system	Ekopak
Founded	2011 (operational from May 2012)
Scope of business	PWM
Number of authorized Industrial system s	3
Financial share of producer responsibility	Full costs
Operational responsibility for collection	Local Authorities
Operational responsibility for sorting	Local Authorities
Operational responsibility for marketing	Ekopak / Marketing Agency
Number of contributing companies	800
Income from obliged companies	0,54 million €
Coverage of the country (territory)	51%
Number of inhabitants	3,5 million
-with access to infrastructure	250 K
Costs per included inhabitant	8,74 €
Cost average per recovered ton	28,35 €

EXPRA MEMBERS BOSNIA & HERZEGOVINA

TOTAL AMOUNT OF PACKAGING PUT ON THE MARKET	150 kt
(By Ekopak clients)	39 kt

HH PACKAGING PARTICIPATING IN THE SYSTEM	n/a

TOTAL AMOUNT AND PERCENTAGE OF RECOVERY	
Glass	n/a
Paper	n/a
Plastics	n/a
Composites	234 t
Tinplate	n/a
Aluminum	n/a

TOTAL AMOUNT AND PERCENTAGE OF RECYCLING	11,91 t
Glass	943 t
Paper	8 460 t
Plastics	1 329 t
Composites	n/a
Tinplate	n/a
Aluminum	371 t (METAL)

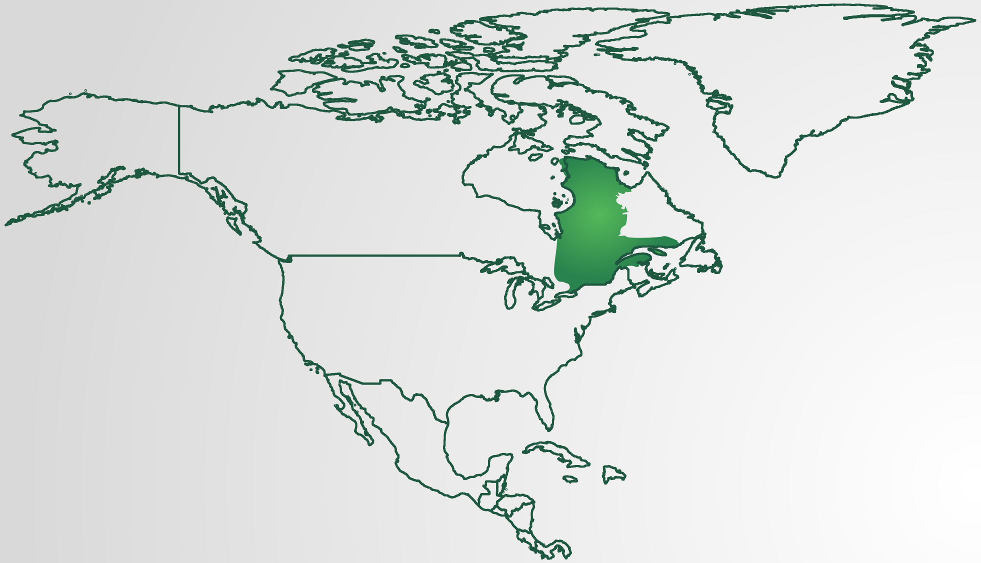
TOTAL AMOUNT AND PERCENTAGE OF RECOVERY WITH INCINERATION	1,77 kt
Composite	1,67 kt
Hazardous Packaging Waste	0,1 kt

TOTAL AMOUNT AND PERCENTAGE OF RECOVERY (RECYCLING + RECOVERY WITH INCINERATION)	88.37 kt

COLLECTION	
Glass	6 263 t
Paper	64 039 t
Plastics	11 977 t
Beverage Cartons	
Metal Packaging	1 637 t

EXPRA MEMBERS

CANADA



COUNTRY	CANADA
Name of the system	Èco EnterprisesQuebec*
Founded	2003
Scope of business	All Packaging
Number of authorized Industrial system s	1
Financial share of producer responsibility	Total Net costs
Operational responsibility for collection	Municipalities
Operational responsibility for sorting	Municipalities
Operational responsibility for marketing	Sorting Centers
Number of contributing companies	3199
Income from obliged companies	110,1 million €
Coverage of the country (territory)	98,4%
Number of inhabitants	8,7 million
-with access to infrastructure	8,6 million
Costs per included inhabitant	12,7€/ Inhabitant
Cost average per recovered ton (for containers and packaging only)	155,5 €

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EXPRA MEMBERS

CANADA

TOTAL AMOUNT OF PACKAGING PUT ON THE MARKET	798 kt
(Thereof household packaging)	655 kt

HH PACKAGING PARTICIPATING IN THE SYSTEM	655 kt

TOTAL AMOUNT AND PERCENTAGE OF RECOVERY	461 kt = 57,8%
Glass*	142 kt = 78,8%
Paper packaging	182 kt = 65,4%
Plastics*	88 kt = 34,8%
Composites	23 kt = 52,9%
Tinplate	Included in Aluminum
Aluminum	2 kt = 20,5 %
Steel containers	24 kt = 62,2%

TOTAL AMOUNT AND PERCENTAGE OF RECYCLING	52%
Glass	n/a
Paper	n/a
Plastics	n/a
Composites	n/a
Tinplate	n/a
Aluminum*	n/a

TOTAL AMOUNT AND PERCENTAGE OF RECOVERY WITH INCINERATION	n/a

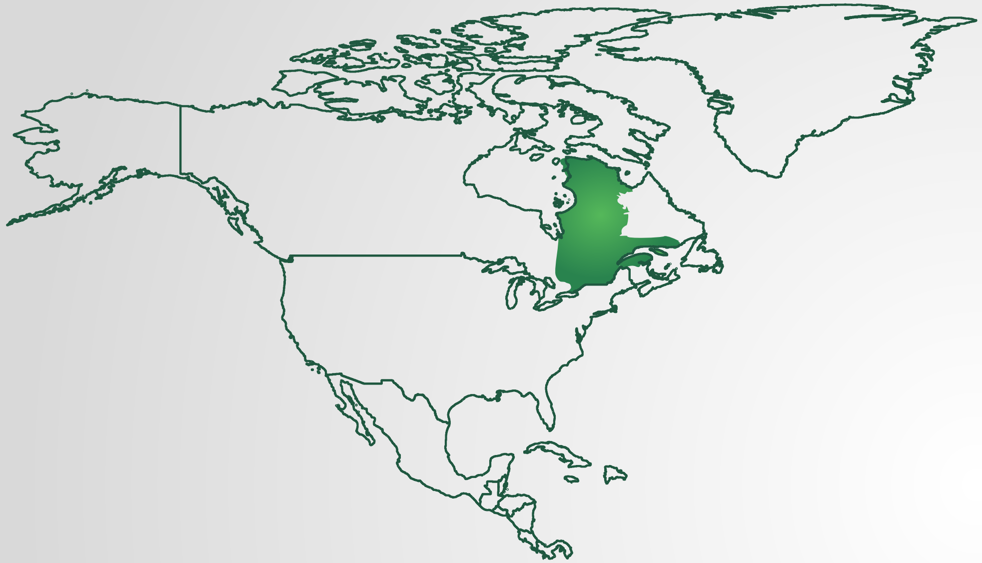
TOTAL AMOUNT AND PERCENTAGE OF RECOVERY (RECYCLING + RECOVERY WITH INCINERATION)	n/a

COLLECTION	
Glass	Curbside recycling collection
Paper	Curbside recycling collection *together with printed paper
Plastics	Curbside recycling collection
Beverage Cartons	Included in paper
Metal Packaging	Curbside recycling collection

*In Quebec, beer and soft drinks, either in glass, plastic or aluminum containers, are subject to a deposit system, thus excluded from curbside recycling compensation plan.

EXPRA MEMBERS

CANADA



Circular Materials
700-1 St. Clair Ave. West, Toronto, ON
M4V 1K6
Phone : 1-877-667-2626
E:info@circularmaterials.ca
www.circularmaterials.ca

COUNTRY	CANADA
Name of the system	Circular Materials
Founded	2021
Scope of business	Packaging and paper recycling
Number of authorized Household systems	5.262.081
Financial share of producer responsibility	100%
Operational responsibility for collection	Circular Materials
Operational responsibility for sorting	Circular Materials
Operational responsibility for marketing	Circular Materials
Number of contributing companies	690
Income from obliged companies	$125.833.661
Coverage of the country (territory)	34%
Number of inhabitants	16.124.116
-with access to infrastructure	4.598.294
Costs per included inhabitant	$27,37
Cost average per recovered ton (for containers and packaging only)	1.717

EXPRA MEMBERS

CANADA

TOTAL AMOUNT OF PACKAGING PUT ON THE MARKET	718,261,320 kgs
(Thereof household packaging)	718,261,320 kgs

HH PACKAGING PARTICIPATING IN THE SYSTEM	718,261,320 kgs

TOTAL AMOUNT AND PERCENTAGE OF RECOVERY	
Glass*	11,1%
Paper packaging	13,7%
Plastics*	5,4%
Composites	N/A
Tinplate	9,3%
Aluminum	5,1%
Metal	7,3%

TOTAL AMOUNT AND PERCENTAGE OF RECYCLING	
Glass	11,1%
Paper	13,7%
Plastics	5,4%
Composites	N/A
Tinplate	9,3%
Aluminum*	7,3%

TOTAL AMOUNT AND PERCENTAGE OF RECOVERY WITH INCINERATION	n/a

TOTAL AMOUNT AND PERCENTAGE OF RECOVERY (RECYCLING + RECOVERY WITH INCINERATION)	n/a

COLLECTION	
Glass	Blue Box for curbside collection
Paper	The Blue Box program- blue bins for curbside pickup
Plastics	The Blue Box program- blue bins for curbside collection
Beverage Cartons	The Blue Box program- blue bins for curbside collection
Metal Packaging	The Blue Box program- blue bins for curbside collection

*The Blue Box program is undergoing a transition to full producer-led EPR, which began on July 1, 2023, and is expected to be fully implemented by December 31, 2025. During this period, producers are assuming complete responsibility for the collection, processing, and recycling of all Blue Box materials

EXPRA MEMBERS

CYPRUS

Green Dot (Cyprus) Public Co Ltd
229 Tseriou Avenue, 2047 Strovolos, Nicosia
P.O.Box 25463 1310Nicosia Cyprus
T: +357 22 586020
F:+357 22 586001
E:admin@greendot.com.cy
www.greendot.com.cy

COUNTRY	CYPRUS
Name of the system	Green Dot Cyprus Public Co Ltd
Founded	2003
Scope of business	Collection and management of packaging waste
Number of authorized Industrial systems	1
Financial share of producer responsibility	100%
Operational responsibility for collection	70%
Operational responsibility for sorting	Green Dot Cyprus
Operational responsibility for marketing	Green Dot Cyprus
Number of contributing companies	1453
Income from obliged companies	4,277.000€
Coverage of the country (territory)	88%
Number of inhabitants	1,244 million
-with access to infrastructure	733.000
Costs per included inhabitant	5 €
Cost average per recovered ton	113 €

EXPRA MEMBERS

CYPRUS

TOTAL AMOUNT OF PACKAGING PUT ON THE MARKET	-
(thereof household packaging)	75 .618 tonnes

HH PACKAGING PARTICIPATING IN THE SYSTEM	-

TOTAL AMOUNT AND PERCENTAGE OF RECOVERY	-
Glass	11.007 t = 62%
Paper	33.335 t = 140%
Plastics	6.686 t = 39%
Composites	n/a
Tinplate	10.057 t = 316%
Aluminum	1.188 t = 34%

TOTAL AMOUNT AND PERCENTAGE OF RECYCLING	-
Glass	-
Paper	-
Plastics * mechanical recycling	-
Composites	-
Tinplate	-
Aluminum	-

TOTAL AMOUNT AND PERCENTAGE OF RECOVERY WITH INCINERATION	n/a

TOTAL AMOUNT AND PERCENTAGE OF RECOVERY (RECYCLING + RECOVERY WITH INCINERATION)	n/a

PMD recycling bag

Recycling Bin for Glass

Collection of Paper from pavement

COLLECTION	
Glass	Iglu stations, 1bin/600 cap
Paper	Brown bags door to door* * together with newspapers, magazines & officer paper
Plastics	Transparent bag door to door
Beverage Cartons	Transparent bag door to door
Metal Packaging	Transparent bag door to door

EXPRA MEMBERS

CZECH REPUBLIC

EKOKOM

EKO-KOM,a.s.
Na Pankráci 1685/1714021Prague 4
Czech Republic
T: +420 729 848 111
F: +420 729 848 119
E: info@ekokom .cz
www.ekokom .cz

COUNTRY	CZECH REPUBLIC
Name of the system	EKO KOM
Founded	1997
Scope of business	All packaging
Number of authorized Industrial systems	1
Financial share of producer responsibility	Full cost for packaging waste (standardized costs)
Operational responsibility for collection	Local authorities
Operational responsibility for sorting	Local authorities
Operational responsibility for marketing	Local authorities
Number of contributing companies	21 301
Income from obliged companies	171, 80 million
Coverage of the country (territory)	99%
Number of inhabitants	10,90 million
-with access to infrastructure	10, 81 million
Costs per included inhabitant	15,88 Euro
Cost average per recovered ton (for containers and packaging only)	158,4 Euro

EXPRA MEMBERS

CZECH REPUBLIC

TOTAL AMOUNT OF PACKAGING PUT ON THE MARKET	3 401 Kt *
(thereof household packaging)	n/a

HH PACKAGING PARTICIPATING IN THE SYSTEM	1.081 kt

TOTAL AMOUNT AND PERCENTAGE OF RECOVERY	1.085 kt = 86%
Glass	173 kt = 78%
Paper	565 kt = 104%
Plastics	230 kt = 89%
Composites	Included in individual materials
Tinplate	39 kt = 91%
Aluminum	8 kt = 30

TOTAL AMOUNT AND PERCENTAGE OF RECYCLING	941 kt = 75%
Glass	173 kt = 78%
Paper	534 kt = 98%
Plastics (Mechanical Recycling)	127 kt = 49%
Composites	Included in individual materials
Tinplate	39 kt = 91%
Aluminum	8 kt = 30%

TOTAL AMOUNT AND PERCENTAGE OF RECOVERY WITH INCINERATION	n/a

TOTAL AMOUNT AND PERCENTAGE OF RECOVERY (RECYCLING + RECOVERY WITH INCINERATION)	n/a

COLLECTION	
Glass	Glass - collected via containers, in some areas collection by colors
Paper	Paper - collected all paper packaging + no packaging via containers, collection yards, buy out centers
Plastics	collected all plastic packaging + no packaging via containers, collection yards
Beverage Cartons	collected via containers/bags in some areas together with plastics or paper
Metal Packaging	collection usually via collection yards, buy out centers, partly (aluminium cans and tinplates) collected via containers

*including one-way packaging 1.231 kt and returnable packaging 2.170 kt
both numbers counts “only” packaging from EKO-KOM clients

EXPRA MEMBERS

COLOMBIA

Visión 3030 – ANDI
Calle 73 #8-13 Piso 7 Torre A
Bogotá,
COLOMBIA
Website:
https://www.andi.com.co/Home/Pagina/1040-vision-3030

COUNTRY	COLOMBIA
Name of the system	VISIÓN30/30ANDI
Founded	2019
Scope of business	Circular economy of post-consumer containers and packaging
Number of authorized Industrial systems	-
Financial share of producer responsibility	100% borne by the companies
Operational responsibility for collection	100% borne by the managers (logistics operators, waste management services, or professional recyclers' associations).
Operational responsibility for sorting	100% in charge of the managers
Operational responsibility for marketing	VISIÓN 30/30 ANDI
Number of contributing companies	341 affiliatedcompanies
Income from obliged companies	7.5 billion
Coverage of the country (territory)	Coverage of 30% of our national territory, represented in 246 municipalities.
Number of inhabitants	10,689 000 million
-with access to infrastructure	N/A
Costs per included inhabitant	N/A
Cost average per recovered ton (for containers and packaging only)	N/A

EXPRA MEMBERS

COLOMBIA

TOTAL AMOUNT OF PACKAGING PUT ON THE MARKET	485,675.7 tons
(thereof household packaging)	30%
HH PACKAGING PARTICIPATING IN THE SYSTEM	30%
TOTAL AMOUNT AND PERCENTAGE OF RECOVERY	59.347,55 tons= 12,22%
Glass	-
Paper	-
Plastics	-
Composites	-
Tinplate	-
Aluminum	-
TOTAL AMOUNT AND PERCENTAGE OF RECYCLING by ANDI Vision 30/30	59.347,55 tons = 12%
Glass	7,114.6 tons
Paper	34,499.05 tons
Rigid Plastics	12,600.41 tons
Flexible Plastics	4,714.0 tons
Ferrous metals	69.61 tons
Multi-material	349.88 tons

TOTAL AMOUNT AND PERCENTAGE OF RECOVERY WITH INCINERATION	n/a
TOTAL AMOUNT AND PERCENTAGE OF RECOVERY (RECYCLING + RECOVERY WITH INCINERATION)	n/a

COLLECTION	
Glass	-
Paper	-
Plastics	-
Beverage Cartons	-
Metal Packaging	-

EXPRA MEMBERS

ESTONIA

Eesti Taaskasutusorganisatsioon MTÜ
Mustamäe tee 24 10621 Tallinn Estonia
T: +372 640 32 40
F: +3726403248
E: eto@eto.ee
www.eto.ee

COUNTRY	ESTONIA
Name of the system	Eesti Taaskasutusorganisatsioon MTÜ (ETO)
Founded	2004
Scope of business	All packaging
Number of authorized Industrial system s	3
Financial share of producer responsibility	30%
Operational responsibility for collection	Waste management companies via tenders and contracts with local authorities
Operational responsibility for sorting	Waste management companies via tenders
Operational responsibility for marketing	ETO System
Number of contributing companies	1177
Income from obliged companies	4 344 144 €
Coverage of the country (territory)	100%
Number of inhabitants	1 374 687 (2024)
-with access to infrastructure	1 374 687
Costs per included inhabitant	2,61 €
Cost average per recovered ton (for containers and packaging only)	128,84€

EXPRA MEMBERS

ESTONIA

TOTAL AMOUNT OF PACKAGING PUT ON THE MARKET	46 721,563t
(thereof household packaging)	50%
HH PACKAGING PARTICIPATING IN THE SYSTEM	100%
TOTAL AMOUNT AND PERCENTAGE OF RECOVERY	3 0566,12 t = 62,4%
Glass	5 460,25 t = 70,4%
Paper	13 146 t = 70,4%
Plastics	5 634,72 t = 55,3%
Composites	Not collected separately
Metal Tinplate	1 176,80 t = 61,6%
Aluminum	Included in tinplate
Wood	1 1440,363 = 50,5

TOTAL AMOUNT AND PERCENTAGE OF RECYCLING	27 929,588 t = 62,63%
Glass	5 250,953 t = 71,2%
Paper	12 062,344 t = 74,1%
Plastics	4 484,846 t = 56,0%
Composites	Not collected separately
Ferrous Metal	1 277,779 t = 62,8%
Non ferrous material	2,701 = 62,8%
Wood	4 850,965 t= 48,9%

TOTAL AMOUNT AND PERCENTAGE OF RECOVERY WITH INCINERATION	n/a
TOTAL AMOUNT AND PERCENTAGE OF RECOVERY (RECYCLING + RECOVERY WITH INCINERATION)	n/a

COLLECTION	
Glass	Door to door collection & public collection system
Paper	Door to door collection & public collection system
Plastics	Door to door collection & public collection system
Beverage Cartons	Door to door collection & public collection system
Metal Packaging	Door to door collection & public collection system

EXPRA MEMBERS

FINLAND

In Finland, there are two producer organizations for non-deposit packaging, Finnish Packaging Producers Ltd and Sumi Oy. Finnish Packaging Recycling RINKI Ltd is an industry owned and non-profit service company for both producer organizations. Deposit beverage packaging has a separate system organized by a company called Palpa.

COUNTRY	FINLAND
Name of the system	Finnish Packaging Recycling RINKI Ltd
Founded	1997
Scope of business	Helping PROs in obligations regarding non-deposit packaging put on the Finnish market
Number of authorized Household systems	2
Financial share of producer responsibility	-
Operational responsibility for collection	Household packaging: RINKI (recycling stations) and municipalities (door-to-door collection); C&I packaging: waste producer and PROs
Operational responsibility for sorting	Producer Organizations
Operational responsibility for marketing	Producer organizations
Number of contributing companies	5742
Income from obliged companies	-
Coverage of the country (territory)	100% (excluding Aland)
Number of inhabitants	5,6 million
-with access to infrastructure	5,6 million
Costs per included inhabitant	n/a
Cost average per recovered ton (for containers and packaging only)	n/a

Finnish Packaging Recycling RINKILtd
Tynnyrintekijänkatu 1 C
FI-00580 HELSINKI,Finland
T: +3589 616230
E:info@rinkiin.fi
http://www.rinkiin.fi

EXPRA MEMBERS

FINLAND

TOTAL AMOUNT OF PACKAGING PUT ON THE MARKET	940, 628 t (2022)
	Including deposit system and excluding free riders
HH PACKAGING PARTICIPATING IN THE SYSTEM	

TOTAL AMOUNT AND PERCENTAGE OF RECOVERY	
Glass	n/a
Paper	n/a
Plastics	n/a
Composites	n/a
Tinplate	n/a
Aluminum	n/a
Metals	n/a

TOTAL AMOUNT AND PERCENTAGE OF RECYCLING	476 278 t (66%)
Glass	75 651 tonnes, 94 %
Paper	338 412 tonnes, 99 %
Plastics* *mechanical recycling	49 283 tonnes, 31 %
Composites	-
Metals	39 800 tonnes, 76%
Tinplate	Included in metals
Wood	-

TOTAL AMOUNT AND PERCENTAGE OF RECOVERY WITH INCINERATION	n/a
TOTAL AMOUNT AND PERCENTAGE OF RECOVERY (RECYCLING + RECOVERY WITH INCINERATION)	n/a

COLLECTION	
Glass	Door to door collection & recycling stations
Paper	Door to door collection & recycling stations
Plastic bottles and	Door-to-door collection & recycling stations (deposit beverage packaging has a separate system)
Beverage Cartons	door-to-door collection & recycling stations- Included in paper fibre packaging collection
Metal Packaging	Door-to-door collection & recycling stations

*Figures represent official national packaging waste statistics 2022. They include both deposit and non-deposit packaging

EXPRA MEMBERS

GREECE

HELLENIC
RECOVERY
RECYCLING
CORPORATION

HERRCO(HellenicRecovery & Recycling Corporation)
Himaras 5
Maroussi 15125,Greece
T: 00 30 2108010962/ 963
F: 00 30 210 8012272
E:info@herrco.gr
www.herrco.gr

COUNTRY	GREECE
Name of the system	HERRCO
Founded	2001 as EPR scheme
Scope of business	All Packaging
Number of authorized Household systems	2
Financial share of producer responsibility	Additional costs
Operational responsibility for collection	Local Authorities
Operational responsibility for sorting	HERRCO
Operational responsibility for marketing	HERRCO
Number of contributing companies	3.653 (1-9-2024)
Income from obliged companies	26,8 million €
Coverage of the country (territory)	94%
Number of inhabitants	10,5 million
-with access to infrastructure	10,4 million
Costs per included inhabitant	2,55 €
Cost average per recovered ton (for containers and packaging only)	57, 20 €

EXPRA MEMBERS

GREECE

TOTAL AMOUNT OF PACKAGING PUT ON THE MARKET	1.100.000 tn

HH PACKAGING PARTICIPATING IN THE SYSTEM	~50%

TOTAL AMOUNT AND PERCENTAGE OF RECOVERY	n/a
Glass	34.815 tn = 33%
Paper	285.022 = 148 %
Plastics	79.459 tn = 67%
Composites	Included in paper
Tinplate	49.636 tn = 214%
Aluminum	8.079 = 46%
Wood	10.905 = 22%

TOTAL AMOUNT AND PERCENTAGE OF RECYCLING	n/a
Glass	34.815 tn= 33%
Paper	285.022 = 148 %
Plastics	79.459 tn = 67%
Composites	Included in paper
Tinplate	49.636 tn = 214%
Aluminum	8.079 = 46%
Wood	10.905 = 22%

TOTAL AMOUNT AND PERCENTAGE OF RECOVERY WITH INCINERATION	N/a

TOTAL AMOUNT AND PERCENTAGE OF RECOVERY (RECYCLING + RECOVERY WITH INCINERATION)	n/a

COLLECTION	
Glass	Co-mingled collection - blue container *separate collection- HORECA
Paper	Co-mingled collection - blue container
Plastics	Co-mingled collection - blue container
Beverage Cartons	Co-mingled collection - blue container
Metal Packaging	Co-mingled collection - blue container

EXPRA MEMBERS

HUNGARY

ÖKO-Pannon Nonprofit Kft.
1146Budapest
Hungária krt. 179-187,Hungary
T: +36-1-383-9305
F:+36-1-383-9306
E:info@okopannon.hu
www.okopannon.hu

COUNTRY	HUNGARY
Name of the system	Öko Pannon
Founded	1996
Scope of business	Lobbying for EPR solution from 2012 (formerly all packaging)
Number of authorized Industrial system s	0 (State owned & run organization)
Financial share of producer responsibility	Packaging Tax
Operational responsibility for collection	National Coordination of Waste Management and Asset Management PLC (NHKVPlc) in case of household packaging waste
Operational responsibility for sorting	National Coordination of Waste Management and Asset Management Plc (NHKV Plc) in case of household packaging waste
Operational responsibility for marketing	n/a
Number of contributing companies	27 802
Income from obliged companies	106,32 million € *Packaging Tax*
Coverage of the country (territory)	90%
Number of inhabitants	10 million
-with access to infrastructure	9,21 million
Costs per included inhabitant	11,54 €
Cost average per recovered ton (for containers and packaging only)	Not published

* 2021 data

EXPRA MEMBERS

HUNGARY

TOTAL AMOUNT OF PACKAGING PUT ON THE MARKET	1507,7 kt
(thereof household packaging)	829 kt

HH PACKAGING PARTICIPATING IN THE SYSTEM	829 kt

TOTAL AMOUNT AND PERCENTAGE OF RECOVERY	849,8 kt = 56,4%
Glass	56,817 kt = 37,8%
Paper	460 kt = 83.4%
Plastics	192,13 kt = 41,7%
Other packaging	0,303 kt = 9,1%
Tinplate Metal	59,2 kt = 67, 1%
Aluminium	Not published

TOTAL AMOUNT AND PERCENTAGE OF RECYCLING	725,51 kt = 48,1%
Glass	56,82 kt = 37,8%
Paper	431,8 kt = 78,3%
Plastics * mechanical recycling	115,2 kt = 25%
Other packaging	0,13 kt = 4%
Tinplate Metal	59,2 kt = 67,1%
Aluminium	Not published

TOTAL AMOUNT AND PERCENTAGE OF RECOVERY WITH INCINERATION	n/a

TOTAL AMOUNT AND PERCENTAGE OF RECOVERY (RECYCLING + RECOVERY WITH INCINERATION)	n/a

COLLECTION	
Glass	Not published
Paper	Not published
Plastics	Not published
Beverage Cartons	Not published
Metal Packaging	Not published

EXPRA MEMBERS

ICELAND

TOTAL AMOUNT OF PACKAGING PUT ON THE MARKET	Cardboard/corrugated: 23.863 t
Plastic	15.013 t
(thereof household packaging)	n/a

HH PACKAGING PARTICIPATING IN THE SYSTEM	Not reported

TOTAL AMOUNT AND PERCENTAGE OF RECOVERY	N/A
Glass	N/a
Paper	25.749 / >100% (108%)
Plastics	3.055/ 20,4%
Composites	N/A
Tinplate	N/A
Aluminum	N/A
Wood	N/A

TOTAL AMOUNT AND PERCENTAGE OF RECYCLING	N/A
Glass	N/A
Paper cartons	17.320 t /73%
Plastics* * mechanical recycling	2364 t/ 16%
Composites	N/A
Tinplate	N/A
Aluminum	N/A
Wood	N/a

TOTAL AMOUNT AND PERCENTAGE OF RECOVERY WITH INCINERATION	n/a

TOTAL AMOUNT AND PERCENTAGE OF RECOVERY (RECYCLING + RECOVERY WITH INCINERATION)	n/a

COLLECTION	
Glass	Bring point /recycling stations
Paper	Curbside / bring points/ recycling stations
Plastics	Plastic bottles are within a deposit scheme. Beverage cartons are part of paper
Metal Packaging	Recycling Station

EXPRA MEMBERS

ICELAND

Úrvinnslusjóður (Icelandic Recycling Fund).
Suðurlandsbraut 24, 108 Reykjavík, Iceland

Tel: 517 4700

Email: urvinnslusjodur@urvinnslusjodur.is

Web: https://www.urvinnslusjodur.is/

COUNTRY	ICELAND
Name of the system	Úrvinnslusjóður (Icelandic Recycling Fund)
Founded	2002
Scope of business	All packaging except deposit packaging
Number of authorized household systems	1
Financial share of producer responsibility	100%
Operational responsibility for collection	None
Operational responsibility for sorting	None
Operational responsibility for marketing	N/A
Number of contributing companies	N/A
Income from obliged companies	N/A
Coverage of the country (territory)	100%
Number of inhabitants	372.520
-with access to infrastructure	372.520
Costs per included inhabitant	N/A
Cost average per recovered ton	N/A

EXPRA MEMBERS

ISRAEL

TAMIR

Packaging Recovery Organization of Israel

TAMIR–Packaging Recovery Organization of
Israel Ltd (cc).Shenkar 18st.
Herzliya. P.O.B2078, Israel.
T:972-9-8800046
F:972-9-8866053
E:info@tm ir.org.il
w w w.tm ir.org.il

COUNTRY	ISRAEL
Name of the system	TAMIR Manufacturer Recycling Corporation in Israel Ltd
Founded	2011 (operation started in 2012)
Scope of business	All packaging except beverage containers under deposit
Number of authorized Industrial systems	2
Financial share of producer responsibility	100%
Operational responsibility for collection	yes
Operational responsibility for sorting	yes
Operational responsibility for marketing	yes
Number of contributing companies	2100
Income from obliged companies	35 million €
Coverage of the country (territory)	254 local municipalities out of 255. 9.4M inhabitants out of 9.5M
Number of inhabitants	9,5 million
-with access to infrastructure	6,6 million
Costs per included inhabitant	3,7 € (5.3€if we take only the population with orange bin)
Cost average per recovered ton (for containers and packaging only)	74 €

EXPRA MEMBERS

ISRAEL

TOTAL AMOUNT OF PACKAGING PUT ON THE MARKET	451 kt (only reported to Tamir)
(thereof household packaging)	220 kt

HH PACKAGING PARTICIPATING IN THE SYSTEM	310 K

TOTAL AMOUNT AND PERCENTAGE OF RECOVERY	470 kt = 104%
Glass (a special case due to deposit collection of beverage glass containers)	1,5 kt = 5.2%
Paper	288 kt = 115%
Plastics	50 kt = 38,4%
Tinplate / Metals	35 ktr = 117%
Aluminum	n/a
Composites	n/a

TOTAL AMOUNT AND PERCENTAGE OF RECOVERY WITH INCINERATION	n/a

TOTAL AMOUNT AND PERCENTAGE OF RECOVERY (RECYCLING + RECOVERY WITH INCINERATION)	n/a

COLLECTION	
Glass	Collected via container stations* *no color separation
Paper	Collected via container stations for paper/cardboard* *collected together with newspapers
Plastics	Collected via container stations* *via orange bins DTD collection
Beverage Cartons	Collected via container stations* *via orange bins DTD collection
Plastic bottles and flasks	Deposit system for beverage bottles
Metal Packaging	Collected via container stations* *via orange bins DTD collection

EXPRA MEMBERS

ITALY

CONAI, Consorzio Nazionale Imballaggi
Via Pompeo Litta, 5
20122 Milano, ITALY
T: +39 (0) 2540441
F: +39 (0) 2 54122648
E: international@conai.org
www.conai.org

COUNTRY	ITALY
Name of the system	CONAI
Founded	1997
Scope of business	All Packaging
Number of authorized Industrial systems	3
Financial share of producer responsibility	Additional Charges
Operational responsibility for collection	Local Authority
Operational responsibility for sorting	Yes, but only for Packaging Waste directly managed.
Operational responsibility for marketing	CONAI / Material Consortia
Number of contributing companies	750.000
Income from obliged companies	718 millions of Euro
Coverage of the country (territory)	96%
Number of inhabitants	58,8 millions
-with access to infrastructure	56,5 millions (96%)
Costs per included inhabitant	12,2 € per inhabitants
Cost average per recovered ton	60,85 €

EXPRA MEMBERS

ITALY

TOTAL AMOUNT OF PACKAGING PUT ON THE MARKET	13, 9 millions of tons
(thereof household packaging)	N/A
HH PACKAGING PARTICIPATING IN THE SYSTEM	n/a
TOTAL AMOUNT AND PERCENTAGE OF RECOVERY	11.8 Millions of Tons (85%)
Glass	2,045 millions of tons (77,4%)
Paper	4,9 Millions of tons (96,8%)
Plastics	2 Millions of tons (90%)
Composites	Included in the paper figures
Tinplate	0,4 Millions of tons (87,8%)
Aluminum	0,063 Millions of tons (75%)

TOTAL AMOUNT AND PERCENTAGE OF RECYCLING	10.4 Millions of tons (75,3%)
Glass	2,045 Millions of tons (77,4%)
Paper	4,6 Millions of tons (92,3%)
Plastics *mechanical recycling	1,1 Millions of tons (48%)
Composites	Included in the paper figures
Tinplate	0,4 Millions of tons (87,8%)
Aluminum	0,06 Millions of tons (70,3%)

TOTAL AMOUNT AND PERCENTAGE OF RECOVERY WITH INCINERATION	n/a
TOTAL AMOUNT AND PERCENTAGE OF RECOVERY (RECYCLING + RECOVERY WITH INCINERATION)	n/a

COLLECTION	
Glass	Stationary - mobile waste container
Paper	Stationary - mobile waste container* * together with newspapers
Plastics	Stationary - mobile waste container
Beverage Cartons	Included in paper or plastic
Metal Packaging	Included in plastic or glass

EXPRA MEMBERS

LUXEMBOURG

VALORLUX
Ensemble, en route vers un monde durable

VALORLUX A.S.B.L.
9,rue Nicolas Brosius, L-3372 Leudelange
B.P.26,L-3205 Leudelange, Luxemburg / Luxembourg
T:+352/370006-1
F: + 352/37 1137
E:message@valorlux.lu
www.valorlux.lu

COUNTRY	LUXEMBOURG
Name of the system	Valorlux
Founded	1995
Scope of business	Household packaging + commercial packaging from retailers
Number of authorized Industrial systems	2
Financial share of producer responsibility	Total costs for household packaging + financial support for commercial packaging
Operational responsibility for collection	PMC: VALORLUX; Other packaging: Local authorities
Operational responsibility for sorting	PMC: VALORLUX; Other packaging: Local authorities
Operational responsibility for material sale	PMC: VALORLUX; Other packaging: Local authorities
Number of contributing companies	1260
Income from obliged companies	6,8 million €
Coverage of the country (territory)	100%
Number of inhabitants	0,65 million
-with access to infrastructure	0,65 million
Costs per included inhabitant	10,46 €
Cost average per recovered ton	-

EXPRA MEMBERS

LUXEMBOURG

TOTAL AMOUNT OF PACKAGING PUT ON THE MARKET	82 939 t

HH PACKAGING PARTICIPATING IN THE SYSTEM	69 411 t

TOTAL AMOUNT AND PERCENTAGE OF RECOVERY	-
Glass	-
Paper	-
Plastics	-
Composites	-
Metals	-
Wood	-

TOTAL AMOUNT AND PERCENTAGE OF RECYCLING	-
Glass	24 209 tons
Paper	16 700 tons
Plastics	7520 tons
Composites	Beverage cartons: 804 tons
Metals	3034 tons
Alluminum	1 ton

TOTAL AMOUNT AND PERCENTAGE OF RECOVERY WITH INCINERATION	n/a

TOTAL AMOUNT AND PERCENTAGE OF RECOVERY (RECYCLING + RECOVERY WITH INCINERATION)	n/a



COLLECTION	
Glass	Door-to-door collection and collection in recycling centers
Paper/Cardboard	Door-to-door collection and collection in recycling centers
Plastics	Collection via blue bags door-to-door and collection in recycling centers
Beverage Cartons	Collection via blue bags door-to-door and collection in recycling centers
Metal Packaging	Collection via blue bags door-to-door and collection in recycling centers

EXPRA MEMBERS

R. N. MACEDONIA

Pakomak -Asset packaging and packaging waste
blv, Partizanski odredi, Porta Vlae blok 4,
1000Skopje,
R.Macedonia
T:389 22044567
E:info@pakomak.com.mk

COUNTRY	R N MACEDONIA
Name of the system	Pakomak
Founded	2010
Scope of business	Household and Commercial packaging
Number of authorized Industrial systems	3
Financial share of producer responsibility	75%
Operational responsibility for collection	PRO
Operational responsibility for sorting	Public/private companies
Operational responsibility for material sale	PRO
Number of contributing companies	742
Income from obliged companies	1 580 000 mil €
Coverageof the country population	80%
Number of inhabitants	1,80 million
-with access to infrastructure	1,5 million
Costs per included inhabitant	0,88 €/inhabitant
Cost average per recovered ton	34,6 €

EXPRA MEMBERS

R. N. MACEDONIA

TOTAL AMOUNT OF PACKAGING PUT ON THE MARKET	109.368 kt total
(thereof household packaging)	n/a
HH PACKAGING PARTICIPATING IN THE SYSTEM	n/a

TOTAL AMOUNT AND PERCENTAGE OF RECYCLING	60,12%
Glass	51,74%
Paper	94,58%
Plastics *mechanical recycling	36,88%
Composites	No collection
Tinplate	95,67%
Aluminum	14,59%

TOTAL AMOUNT AND PERCENTAGE OF RECOVERY WITH INCINERATION	n/a
TOTAL AMOUNT AND PERCENTAGE OF RECOVERY (RECYCLING + RECOVERY WITH INCINERATION)	n/a

COLLECTION	
Glass	HoReCa- 51,74%
Paper	Collected in containers* * blue in public areas- 94,58%
Plastics	Collected in containers* * yellow in public places- 36,88%
Beverage Cartons	Included in paper- 78,21%
Metal Packaging	Collected via containers* * yellow in public areas

EXPRA MEMBERS

MALTA

GreenPak Cooperative Society Ltd
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Fgura FGR1447,Malta
T: (00356) 21660233
F: (00356) 21803434
E:info@greenpak.com.mt
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COUNTRY	MALTA *
Name of the system	GreenPak
Founded	2005
Scope of business	All Packaging
Number of authorized Industrial systems	2
Financial share of producer responsibility	Total costs
Operational responsibility for collection	GreenPak
Operational responsibility for sorting	GreenPak
Operational responsibility for material sale	GreenPak
Number of contributing companies	1100
Income from obliged companies	1,8 million €
Coverage of the country (territory)	70%
Number of inhabitants	0,434 million
-with access to infrastructure	0,311 million
Costs per included inhabitant	4,88 €
Cost average per recovered ton	157,13 €

* Data 2017

EXPRA MEMBERS

MALTA

TOTAL AMOUNT OF PACKAGING PUT ON THE MARKET	90 kt
(thereof household packaging)	67,5 kt
HH PACKAGING PARTICIPATING IN THE SYSTEM	12,8 kt
TOTAL AMOUNT AND PERCENTAGE OF RECOVERY	9,7 kt = 58%
Glass	1,3 kt = 31%
Paper	5,1 kt = 79%
Plastics	1,6 kt = 45%
Composites	Included in paper
Tinplate	0,2 kt = 40%
Aluminum	0,2 kt = 44%
TOTAL AMOUNT AND PERCENTAGE OF RECYCLING	9,4 kt = 56%
Glass	1,3 kt = 31%
Paper	5,1 kt = 79%
Plastics	1,6 kt = 45%
Composites	Included in paper
Tinplate	0,2 kt = 40%
Aluminum	0,2 kt = 44%

TOTAL AMOUNT AND PERCENTAGE OF RECOVERY WITH INCINERATION	n/a
TOTAL AMOUNT AND PERCENTAGE OF RECOVERY (RECYCLING + RECOVERY WITH INCINERATION)	n/a

COLLECTION	
Glass	Green containers
Paper	Container stations * together with newspapers
Plastics	Container stations
Beverage Cartons	Included in paper
Metal Packaging	Container stations

EXPRA MEMBERS

NORWAY

Grønt Punkt Norge
Visiting address: Karenslyst alle 9A
Postal address: Postbok 91 Skøyen,
0212 Oslo, Norway
T: +47 22121500
E: post@grontpunkt.no
www.grontpunkt.no

COUNTRY	NORWAY
Name of the system	Green Dot Norway
Founded	1997
Scope of business	All Packaging *
Number of authorized Industrial systems	Two competing systems
Financial share of producer responsibility	Vary for each material, estimated 85%
Operational responsibility for collection	Local Authority
Operational responsibility for sorting	The PRO
Operational responsibility for material sale	The PRO for national campaigns, the municipality for local information
Number of contributing companies	4437
Income from obliged companies	55 million €
Coverage of the country (territory)	National
Number of inhabitants	100% of 5,4 million
-with access to infrastructure	5,2 million
Costs per included inhabitant	8,3 €
Cost average per recovered ton	85 €

* except beverage containers under deposit
** no authorization required, also tw o deposit systems - one for reusable glass and PET and one for recyclable PET and PE bottles and aluminum cans

EXPRA MEMBERS

NORWAY

TOTAL AMOUNT OF PACKAGING PUT ON THE MARKET	558 kt
(thereof household packaging)	n/a
HH PACKAGING PARTICIPATING IN THE SYSTEM	47,000t for carton 20,000t for beverage cartons 85,000 for plastic
TOTAL AMOUNT AND PERCENTAGE OF RECOVERY	n/a
Glass	85,000 t = 95%
Paper	209,801 t = 100%
Plastics	129,394 t = 100%
Composites	n/a
Tinplate	14,796 t = 100%
Aluminum	Included in tinplate
TOTAL AMOUNT AND PERCENTAGE OF RECYCLING	n/a
Glass	85,000 t = 95%
Paper	224,112 t = 106,8%
Plastics	52,388 t = 40,5%
Composites	n/a
Tinplate	13,472 t = 91,1%
Aluminum	Included in tinplate

TOTAL AMOUNT AND PERCENTAGE OF RECOVERY WITH INCINERATION	n/a
TOTAL AMOUNT AND PERCENTAGE OF RECOVERY (RECYCLING + RECOVERY WITH INCINERATION)	n/a

COLLECTION	
Glass	Collected via bring stations* * together with metals (more curbside collection on the way)
Paper	Collected together with newspapers at home
Plastics	Collected via curbside collection and bring stations
Beverage Cartons	Included in paper
Metal Packaging	Collected via bring stations together with glass

EXPRA MEMBERS

NEW ZELAND

THE
PACKAGING
FORUM

The Packaging Forum
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Botany
Auckland 2163
NEW ZELAND
E-mail: info@packagingforum.org.nz
Web: https://www.packagingforum.org.nz

COUNTRY	NEW ZELAND
Name of the system	The PackagingForum
Founded	2006
Scope of business	Incorporated society
Number of authorized Industrial systems	N/A
Financial share of producer responsibility	N/A
Operational responsibility for collection Operational responsibility for sorting Operational responsibility for material sale	Voluntary stewardship schemes. For soft plastic packaging, food and beverage containers (LPB) and caps and lids
Number of contributing companies	250 members
Income from obliged companies	NZ$ 2.7m $2,979,832 from levies
Coverage of the country (territory)	-
Number of inhabitants	5.124 million
-with access to infrastructure	For soft plastics 87%; Food & Beverage 73%
Costs per included inhabitant	-
Cost average per recovered ton	-

The Packaging Forum operates a glass packaging recycling scheme which funds projects to improve recovery and recycling of container glass and a soft plastic recycling scheme which funds the collection and processing of soft plastics materials.

EXPRA MEMBERS

NEW ZELAND

TOTAL AMOUNT OF PACKAGING PUT ON THE MARKET	-
(thereof household packaging)	965,000 Tonnes

HH PACKAGING PARTICIPATING IN THE SYSTEM	-

TOTAL AMOUNT AND PERCENTAGE OF RECOVERY	-
Glass	176,000 =65%
Paper	326,000=83%
Plastics	45,000 =17%
Composites	Included in plastics
Tinplate	15,000 =71%
Aluminum	6,000 =32%

TOTAL AMOUNT AND PERCENTAGE OF RECYCLING	n/a
Glass	60,6 %
Paper	-
Plastics	-
Composites	-
Tinplate	-
Aluminum	-

TOTAL AMOUNT AND PERCENTAGE OF RECOVERY WITH INCINERATION	n/a

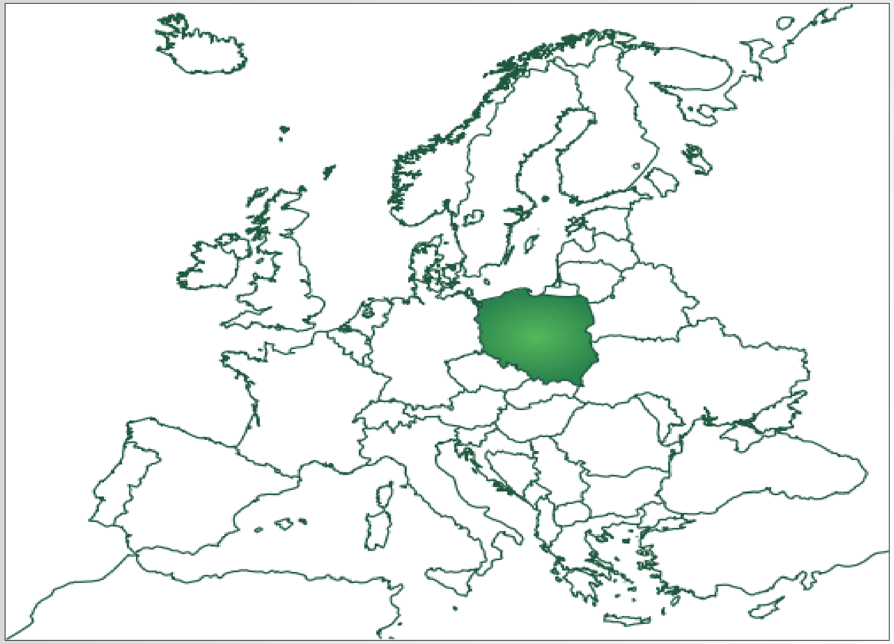
TOTAL AMOUNT AND PERCENTAGE OF RECOVERY (RECYCLING + RECOVERY WITH INCINERATION)	n/a

COLLECTION	
Glass and bottles of jar	Collection at kerbside
Paper and cardboard	Collection at kerbside
Plastics 1, 2 and 5	Collection at kerbside
Beverage Cartons	Recycling bins
Metal Packaging food tins and cans excluding aerosols	Collection at kerbside

Collection via drop off systems organized by The Packaging Forum: Soft plastic packaging; Food & Beverage cartons; Caps & lids

EXPRA MEMBERS

POLAND



REKOPOL PACKAGING RECOVERY ORGANIZATION SA
st. Mangalia 4
02-758 Warsaw
POLAND
E-mail: rekopol@rekopol.pl
Web: https://rekopol.pl/

COUNTRY	POLAND
Name of the system	RekopolPRO
Founded	2001
Scope of business	Packaging waste recycling obligation fulfilment. PRN type system
Number of authorized Industrial systems	N/A
Financial share of producer responsibility	N/A
Operational responsibility for collection	No
Operational responsibility for sorting	No
Operational responsibility for material sale	Yes
Number of contributing companies	3000
Income from obliged companies	90 million PLN
Coverage of the country (territory)	-
Number of inhabitants	-
-with access to infrastructure	-
Costs per included inhabitant	-
Cost average per recovered ton	-

EXPRA MEMBERS

POLAND

TOTAL AMOUNT OF PACKAGING PUT ON THE MARKET	1718048 tons
(thereof household packaging)	51%

HH PACKAGING PARTICIPATING IN THE SYSTEM	N/A

TOTAL AMOUNT AND PERCENTAGE OF RECOVERY	-
Glass	232 658 tons/ 72,7&
Paper	567 455 tons/83,1%
Plastics	143 363 tons/36,9%
Composites	n/a
Tinplate	29 524 tons/67,2% (steel packaging)
Aluminum	12 077 tons/53,3%

TOTAL AMOUNT AND PERCENTAGE OF RECYCLING	-
Glass	232 658 tons/72,7%
Paper	567 455 tons/83,1%
Plastics	143 363 tons/36,9% (total recycling)
Composites	n/a
Tinplate	29 524 tons/67,2% (steel packaging)
Aluminum	12 077 tons/53,3%

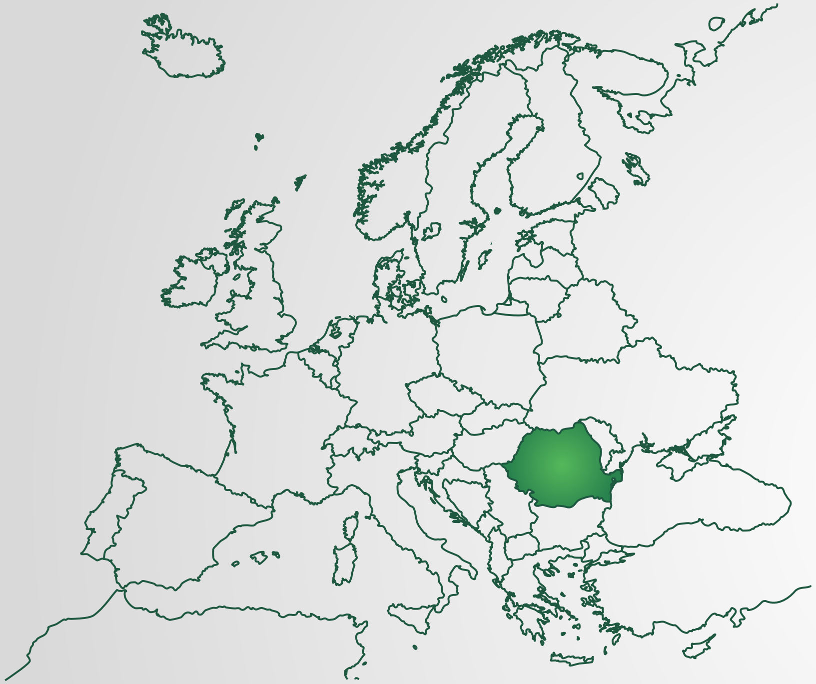
TOTAL AMOUNT AND PERCENTAGE OF RECOVERY WITH INCINERATION	n/a

TOTAL AMOUNT AND PERCENTAGE OF RECOVERY (RECYCLING + RECOVERY WITH INCINERATION)	n/a

COLLECTION	
Glass	Collected via dedicated bins or containers- often processed locally
Paper	Recycling bins
Plastics	It depends locally- recycling bins
Beverage Cartons	Recycling bins
Metal Packaging	Recycling bins

EXPRA MEMBERS

ROMANIA



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COUNTRY	ROMANIA
Name of the system	Eco-RomAmbalaje
Founded	2003
Scope of business	All Packaging
Number of authorized Industrial systems	16
Financial share of producer responsibility	Net costs for municipal packaging waste and market (negotiated) prices for industrial-commercial packaging
Operational responsibility for collection	Local Authority and their delegated municipal waste operators. Waste management companies for C&I packaging
Operational responsibility for sorting	Waste management companies delegated/ authorized by local authorities to operate Municipal sorting stations
Operational responsibility for marketing	Waste management companies (municipal sanitation operators, authorized collectors, sorting stations)
Number of contributing companies	619
Income from obliged companies	5,2 million €
Coverage of the country (territory)	National level
Number of inhabitants	~ 20 million
-with access to infrastructure	*
Costs per included inhabitant	n/a*
Cost average per recovered ton	105 €

*

**No longer relevant given the deployment of collection infrastructure provided by Integrated Waste Management Systems implemented at country level*

EXPRA MEMBERS

ROMANIA

TOTAL AMOUNT OF PACKAGING PUT ON THE MARKET	54.476 t
(thereof household packaging)	35.157 t
HH PACKAGING PARTICIPATING IN THE SYSTEM	65%

TOTAL AMOUNT AND PERCENTAGE OF RECOVERY	35.446 t = 65 %
Glass	11.670 t = 74 %
Paper	11.562 t = 76% Including drink cartons
Plastics	9.304 t = 62 %
Composites	Included in paper-cardboard
Tinplate	413 t = 62 %
Aluminum	452 t = 35 %
Wood	2.406 t = 31 %

TOTAL AMOUNT AND PERCENTAGE OF RECYCLING	33.624 t = 62 %
Glass	11.670 t = 74 %
Paper	11.096 t = 73 %
Plastics* * mechanical recycling	7.988 t = 53 %
Composites	Included in paper
Tinplate	413 t = 62 %
Aluminum	452 t = 35 %
Wood	2.005 t = 30 %

TOTAL AMOUNT AND PERCENTAGE OF RECOVERY WITH INCINERATION	n/a

TOTAL AMOUNT AND PERCENTAGE OF RECOVERY (RECYCLING + RECOVERY WITH INCINERATION)	n/a

COLLECTION	
Glass	Collection Banks- Green container stations, no color separation
Paper	Collection Banks- Blue container stations/collection bags
Plastics	Collection Bank- Yellow container stations and collection bags
Beverage Cartons	Collection Bank- Yellow container stations and collection bags
Metal Packaging	Collection Bank- Yellow container stations and bags

EXPRA MEMBERS

SLOVAKIA

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F: +4212 335 200 10
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envipak@envipak.sk

COUNTRY	SLOVAKIA
Name of the system	ENVI-PAK
Founded	2003
Scope of business	All Packaging
Number of authorized Industrial systems	10
Financial share of producer responsibility	Full net cost System
Operational responsibility for collection	PRO
Operational responsibility for sorting	PRO
Operational responsibility for material sale	PRO
Number of contributing companies	2439
Income from obliged companies	N/A
Coverage of the country (territory)	41,76%
Number of inhabitants	5 431 065
-with access to infrastructure	2 229 496
Costs per included inhabitant	12,29
Cost average per recovered ton	n/a

EXPRA MEMBERS

SLOVAKIA

TOTAL AMOUNT OF PACKAGING PUT ON THE MARKET	456 753 t 233,690 by ENVI-PAK
(thereof household packaging)	n/a

HH PACKAGING PARTICIPATING IN THE SYSTEM	n/a

TOTAL AMOUNT AND PERCENTAGE OF RECOVERY	189 691= 84%
Glass	33 894t = 91%
Paper	100 570 t = 79,84%
Plastics	40 997 t = 90%
Composites	1272 t = 31%
Tinplate	8769 t = 99%
Alluminium	4 189 t = 48%

TOTAL AMOUNT AND PERCENTAGE OF RECYCLING	172 604 kt = 76%
Glass	33 894 t = 91%
Paper	100 361 t = 84%
Plastics* * mechanical recycling	24 325 t = 55%
Composites	1068 t = 26%
Tinplate	8769 t = 99%
Alluminium	4187 t = 48%

TOTAL AMOUNT AND PERCENTAGE OF RECOVERY WITH INCINERATION	n/a

TOTAL AMOUNT AND PERCENTAGE OF RECOVERY (RECYCLING + RECOVERY WITH INCINERATION)	n/a

COLLECTION	
Glass	Bring and curbside collection
Paper/Cardboard	Bring and curbside collection * together with newspapers
Plastics	Bring and curbside collection
Beverage Cartons	Bring and curbside collection* * mostly together with plastic
Metal Packaging	Bring and curbside collection* * mostly together with plastic

EXPRA MEMBERS

SLOVENIA

ŽIVIMO Z OKOLJEM.

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F: +386 15600 260
E:www.slopak.si
slopak@slopak.si

COUNTRY	SLOVENIA
Name of the system	SLOPAKd.o.o.
Founded	2002
Scope of business	All Packaging
Number of authorized Industrial systems	6
Financial share of producer responsibility	Shared
Operational responsibility for collection	Local Authorities & PROs
Operational responsibility for sorting	PROs
Operational responsibility for material sale	PROs
Number of contributing companies	1187
Income from obliged companies	5.567.938€
Coverage of the country (territory)	100%
Number of inhabitants	2.107.180 €
-with access to infrastructure	2.107.180€
Costs per included inhabitant	n/a
Cost average per recovered ton	64,42 €

EXPRA MEMBERS

SLOVENIA

no split on I&and HH

TOTAL AMOUNT OF PACKAGING PUT ON THE MARKET	36.437 t
(thereof household packaging)	N/A

HH PACKAGING PARTICIPATING IN THE SYSTEM	n/a

TOTAL AMOUNT AND PERCENTAGE OF RECOVERY	n/a
Glass	11.921 t = 100%
Paper	12.990 t = 100%
Plastics	24. 315 t = 73,6%
Composites	Included in plastics
Tinplate	1.706 t = 100%
Aluminum	Included in metals

TOTAL AMOUNT AND PERCENTAGE OF RECYCLING	n/a
Glass	11.921 t = 100%
Paper	12.990 t = 100%
Plastics* * mechanical recycling	4.893 t = 14,8%
Composites	Included in plastics
Tinplate	1.706 t = 100%
Tinplate	Included in metals
Aluminum	Included in metals

TOTAL AMOUNT AND PERCENTAGE OF RECOVERY WITH INCINERATION	n/a

TOTAL AMOUNT AND PERCENTAGE OF RECOVERY (RECYCLING + RECOVERY WITH INCINERATION)	n/a

COLLECTION	
Glass	Container stations
Paper	Container stations
Plastics	Container stations
Beverage Cartons	Container stations
Metal Packaging	Together with plastic & metal packaging

EXPRA MEMBERS

SPAIN

Ecoembalajes España
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F:00 34 / 91598 06 24
E:atencionalcliente@ecoembes.com
www.ecoembes.com

COUNTRY	SPAIN
Name of the system	EcoEmbes
Founded	1996
Scope of business	Household packaging excluding excluding glass; commercial & industrial packaging only if collected by municipalities.
Number of authorized Industrial systems	1 for plastic/metals + 1 for glass
Financial share of producer responsibility	Additional costs for separate collection and sorting
Operational responsibility for collection	Local Authority
Operational responsibility for sorting	Local Authority
Operational responsibility for material sale	EcoEmbes (via call for tender)
Number of contributing companies	12623
Income from obliged companies	642,812 million €
Coverage of the country (territory)	99,99%
Number of inhabitants	46,72 million
-with access to infrastructure	46,57 (paper/cardboard) 46,81 (lightweight packaging)
Costs per included inhabitant	13,76 €
Cost average per recovered ton	401,9 €

EXPRA MEMBERS

SPAIN

TOTAL AMOUNT OF PACKAGING PUT ON THE MARKET	n/a
(Thereof household packaging Ecoembes)	1876,270 kt = 85,2%

HH PACKAGING PARTICIPATING IN THE SYSTEM	n/a

TOTAL AMOUNT AND PERCENTAGE OF RECOVERY	11599,5 kt = 85,2%
Paper	653,4 kt = 83,8
Plastics	688,3 kt = 88,7%
Composites	Included in paper
Tinplate	249,4 kt = 83%
Aluminum	Included in tinplate

TOTAL AMOUNT AND PERCENTAGE OF RECOVERY WITH INCINERATION	n/a

TOTAL AMOUNT AND PERCENTAGE OF RECOVERY (RECYCLING + RECOVERY WITH INCINERATION)	n/a

TOTAL AMOUNT AND PERCENTAGE OF RECYCLING	1505,7 kt = 80,2%
Paper	631,7 kt = 80,2%
Plastics * mechanical recycling	616,7 kt = 79,5%
Composites	Included in paper
Tinplate	249,4% = 83,1%
Aluminum	Included in tinplate

COLLECTION	
Glass	Included in Ecovidrio section
Paper	Collected via container stations* * together with newspapers
Plastic	Container stations
Beverage Cartons	Collected together with metal and plastic
Metal Packaging	Collected via container stations

EXPRA MEMBERS

SPAIN

ecovidrio

Ecovidrio
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E:info@ecovidrio.es
www.ecovidrio.es

COUNTRY	SPAIN
Name of the system	Ecovidrio
Founded	1997
Scope of business	Glass Packaging
Number of authorized Industrial systems	1 for plastic/paper/metals (Ecoembes) + 1 for glass (Ecovidrio)
Financial share of producer responsibility	Total Costs
Operational responsibility for collection	Ecovidrio/Local Entities
Operational responsibility for sorting	N/A
Operational responsibility for material sale	Ecovidrio/Local Entities
Number of contributing companies	+8000
Income from obliged companies	55 million €
Coverage of the country (territory)	99%
Number of inhabitants	+47 million
-with access to infrastructure	99%
Costs per included inhabitant	1,17€
Cost average per recovered ton	77,4 €

* Data 2022

EXPRA MEMBERS

SPAIN

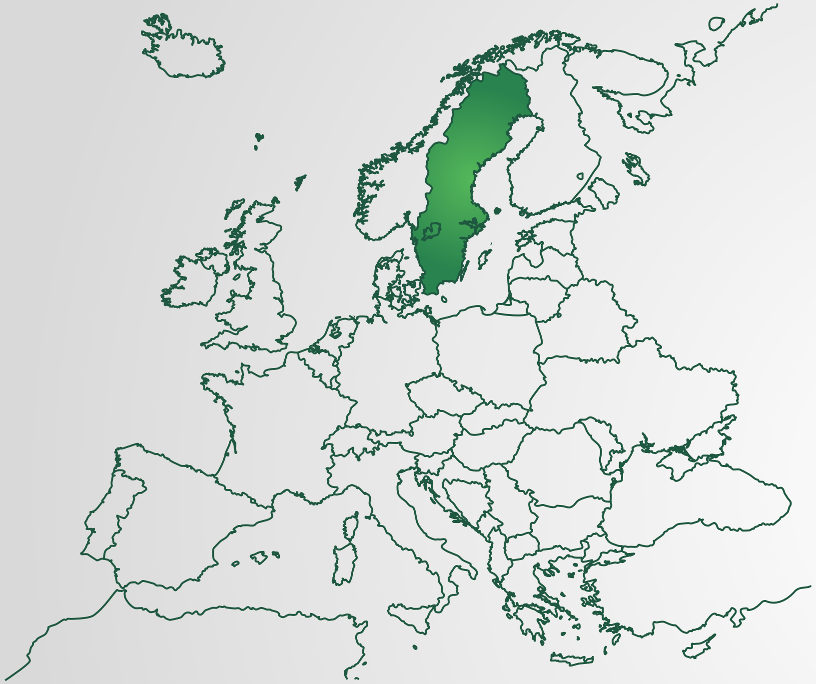
TOTAL AMOUNT OF PACKAGING PUT ON THE MARKET	1.508 million tonnes
(thereof household packaging)	50%
HH PACKAGING PARTICIPATING IN THE SYSTEM	100%
TOTAL AMOUNT AND PERCENTAGE OF RECYCLING	72,5% (official data Eurostat 2020)
Additional tons recycled (via other sources monitored by Ecovidrio, collaboration plan to collect and recycle glass from non-municipal channels)	297 tons (2015)

TOTAL AMOUNT AND PERCENTAGE OF RECOVERY WITH INCINERATION	n/a
TOTAL AMOUNT AND PERCENTAGE OF RECOVERY (RECYCLING + RECOVERY WITH INCINERATION)	n/a

COLLECTION	
Glass	Curbside containers* * no colour separation
Paper	n/a
Plastic	n/a
Beverage Cartons	n/a
Metal Packaging	n/a

EXPRA MEMBERS

SWEDEN



Svenska Förpackningsinsamlingen AB (FTI)
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T: (+46) 8 566 14400
F: (+46) 8 566 14444
E:mailto:repainfo@ftiab.se
www.fti.se

COUNTRY	SWEDEN
Name of the system	Näringslivets Producentansvar i Sverige AB (NPA)
Founded	NPA founded 2023 - EPR- system operated since 1994
Scope of business	EPR for packaging excl DRS and reuse system
Number of authorized Industrial systems	2
Financial share of producer responsibility	100%
Operational responsibility for collection	municipalities for household, PROS for C&I
Operational responsibility for sorting	PRO
Operational responsibility for material sale	PRO
Number of contributing companies	8000
Income from obliged companies	350 million €
Coverage of the country (territory)	100%
Number of inhabitants	10,5 million
-with access to infrastructure	10,5 million
Costs per included inhabitant	34 €
Cost average per recovered ton	n/a

EXPRA MEMBERS

SWEDEN

TOTAL AMOUNT OF PACKAGING PUT ON THE MARKET	1200 kt
(thereof household packaging)	600 Kt
HH PACKAGING PARTICIPATING IN THE SYSTEM	600 KT
TOTAL AMOUNT AND PERCENTAGE OF RECOVERY	N/A
Glass	217 kt = 93%
Paper	439% = 75%
Plastics	107 kt = 49%
Composites	Included in paper
Aluminum /Tinplate	36 kt

*Data 2022

TOTAL AMOUNT AND PERCENTAGE OF RECOVERY WITH INCINERATION	n/a
TOTAL AMOUNT AND PERCENTAGE OF RECOVERY (RECYCLING + RECOVERY WITH INCINERATION)	n/a

TOTAL AMOUNT AND PERCENTAGE OF RECYCLING**	
Glass	218 kt / 86 %
Paper cartons	513 kt / 67 %
Plastics* * mechanical recycling	98 kt / 36 %
Composites	Included in paper and/or plastics
Tinplate	28 kt /86 %
Aluminum	29 kt/ 81 %

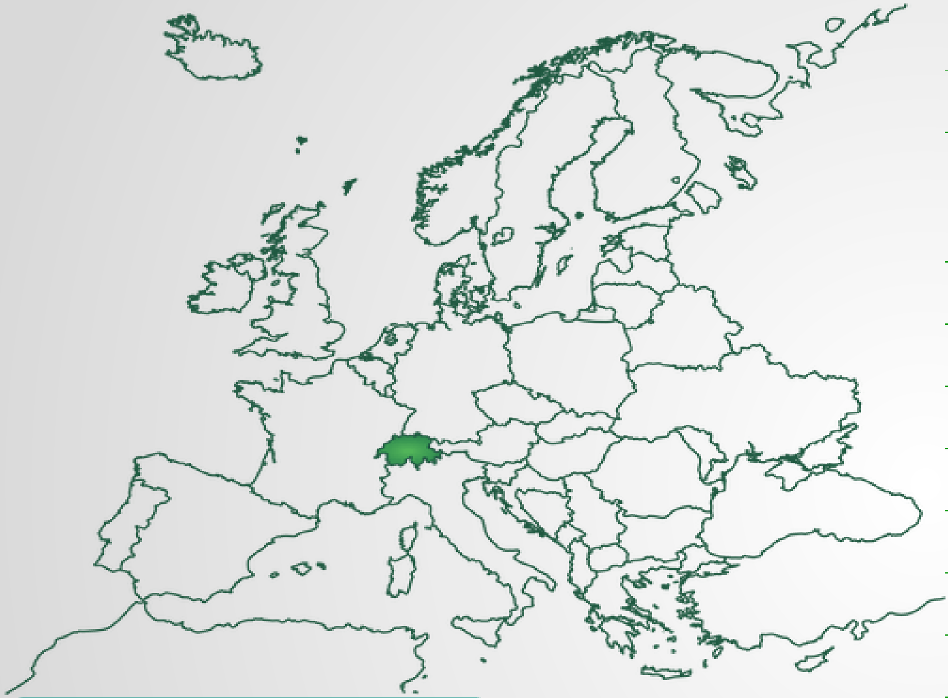
**As per EPA for 2022

COLLECTION	
Glass	Transparent glass Colored glass
Paper and Beverage cartons	Paper packaging incl beverage cartons
Plastics	Plastic packaging excl PET bottles in DRS
Metail packaging	Metal packaging excl alu cans in DRS

Container stations

EXPRA MEMBERS

SWITZERLAND



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Web: https://www.swissrecycling.ch/it/home/

COUNTRY	SWITZERLAND
Name of the system	Swiss Recycling
Founded	1992
Scope of business	Household packaging
Number of authorized Household systems	1 per type of packaging (PET, glass, Alu, Metal)
Financial share of producer responsibility	100%
Operational responsibility for collection	Depends on type of packaging
Operational responsibility for sorting	Depends on type of packaging
Operational responsibility for material sale	Depends on type of packaging
Number of contributing companies	Depends on type of packaging
Income from obliged companies	Depends on type of packaging
Coverage of the country (territory)	100%
Number of inhabitants	8,7 million
-with access to infrastructure	8,7 million
Costs per included inhabitant	Depends on type of packaging
Cost average per recovered ton	Depends on type of packaging

EXPRA MEMBERS SWITZERLAND

TOTAL AMOUNT OF PACKAGING PUT ON THE MARKET	N/a
(thereof household packaging)	n/a

HH PACKAGING PARTICIPATING IN THE SYSTEM	N/A

TOTAL AMOUNT AND PERCENTAGE OF RECOVERY	N/a O
Glass	-
Paper	-
Plastics	-
Composites	-
Aluminum /Tinplate	-

TOTAL AMOUNT AND PERCENTAGE OF RECYCLING	-
Glass	370.100 t = 95%
Paper cartons	1.175.600 t = 81%
Plastics* * mechanical recycling	34'800 t (PET) + ca. 10'000 (others) = 44'800 (~23%)
Composites	N/a
Tinplate	13.100 (n/a quota)
Aluminum	14.300 (91%)

TOTAL AMOUNT AND PERCENTAGE OF RECOVERY WITH INCINERATION	n/a

TOTAL AMOUNT AND PERCENTAGE OF RECOVERY (RECYCLING + RECOVERY WITH INCINERATION)	n/a

COLLECTION	
Glass	Container Stations (color separation)
Paper	Bundle collection door to door or recycling stations
Plastics & Beverage Cartons	supermarkets, or mixed bags (in some areas area) or recycling stations (only plastic bottles nationwide)
Metal packaging	Container stations

EXPRA MEMBERS

THE NETHERLANDS

Afvalfonds Verpakkingen

Henri Faasdreef 312, Den Haag
T +31 (0)85 401 26 60

info@verpact.nl

COUNTRY	THE NETHERLANDS
Name of the system	Verpact
Founded	2012
Scope of business	EPR for Packaging
Number of authorized Industrial systems	1
Financial share of producer responsibility	100%
Operational responsibility for collection	Municipalities
Operational responsibility for sorting	PMD: municipalities/EPR. Other materials: municipalities
Operational responsibility for material sale	PMD: municipalities/EPR. Other materials: municipalities
Number of contributing companies	8,000 (with a 50,000 kg/annum de minimis threshold)
Income from obliged companies	undisclosed
Coverage of the country (territory)	100%
Number of inhabitants	17,5 million
-with access to infrastructure	17,5 million
Costs per included inhabitant	Undisclosed
Cost average per recovered ton	n/a (recovery is not measured)

EXPRA MEMBERS THE NETHERLANDS

TOTAL AMOUNT OF PACKAGING PUT ON THE MARKET	3,272 Kton
(thereof household packaging)	n/a

HH PACKAGING PARTICIPATING IN THE SYSTEM	100%

TOTAL AMOUNT AND PERCENTAGE OF RECOVERY	n/a
Glass	n/a
Paper	n/a
Plastics	n/a
Composites	n/a
Tinplate	n/a
Aluminum	n/a

TOTAL AMOUNT AND PERCENTAGE OF RECYCLING	n/a
Glass	401 Kton, 79%
Paper	1,265 Kton, 90%
Plastics	(Mec.recycling) 258 Kton, 47%
Composites	There is is no category, all the materials used in composites have to be reported seperately
Ferrous Metals	142 Ktton, 95%
Aluminum	34 Kton, 70%
Wood	356 Kton, 24%

TOTAL AMOUNT AND PERCENTAGE OF RECOVERY WITH INCINERATION	n/a

TOTAL AMOUNT AND PERCENTAGE OF RECOVERY (RECYCLING + RECOVERY WITH INCINERATION)	n/a

COLLECTION	
Glass	100% separated (containers)
Paper	Separated (retail), mixed with newsprint (offices)
Plastics	100% separated
Beverage Cartons	-
Metal Packaging	Both separated and recovery out of the bottom ash of incinerated mixed waste

EXPRA MEMBERS

TURKEY

Cenap Sahabettin Sk.No:94
Kosuyolu
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Tel: +90 (216)428 78 90 - 94
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Web: http://www.cevko.org.tr/
E-mail: cevko@cevko.org.tr

COUNTRY	TURKEY
Name of the system	CEVKO
Founded	1991 by the industry
Scope of business	Packaging Waste
Number of authorized household systems	N/A
Financial share of producer responsibility	N/A
Operational responsibility for collection	Municipalities
Operational responsibility for sorting	Licensed collectors and sorters
Operational responsibility for marketing	N/A
Number of contributing companies	N/A
Income from obliged companies	N/A
Coverage of the country (territory)	N/A
Number of inhabitants	86 million
-with access to infrastructure	N/A 26,75 million
Costs per included inhabitant	N/A
Cost average per recovered ton	N/A

EXPRA MEMBERS

TURKEY

TOTAL AMOUNT OF PACKAGING PUT ON THE MARKET	n/a
(thereof household packaging)	n/a

HH PACKAGING PARTICIPATING IN THE SYSTEM	Not reported

TOTAL AMOUNT AND PERCENTAGE OF RECOVERY	N/A
Glass	-
Paper	-
Plastics	-
Composites	-
Tinplate	-
Aluminum	-
Wood	-

TOTAL AMOUNT AND PERCENTAGE OF RECYCLING	N/A
Glass	-
Paper cartons	-
Plastics* * mechanical recycling	-
Composites	-
Tinplate	-
Aluminum	-
Wood	-

TOTAL AMOUNT AND PERCENTAGE OF RECOVERY WITH INCINERATION	n/a

TOTAL AMOUNT AND PERCENTAGE OF RECOVERY (RECYCLING + RECOVERY WITH INCINERATION)	n/a

COLLECTION	
Glass	Container Stations, bins, bags
Paper	
Plastics	
Metal Packaging	