

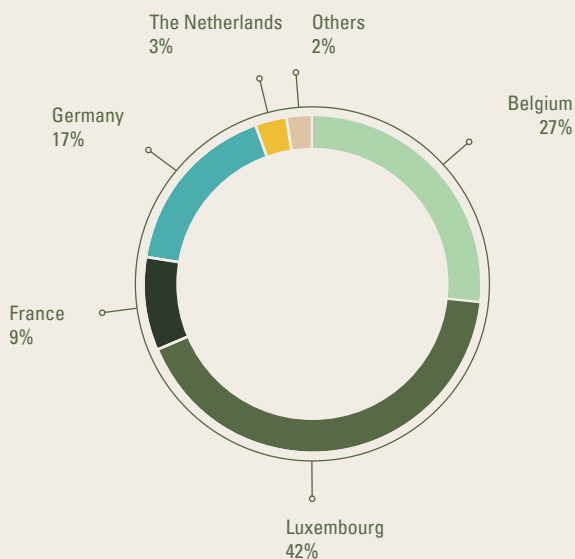
VALORLUX

The non-profit organization (a.s.b.l.) Valorlux was founded by the private sector (retailers, importers and manufacturers) on October 2, 1995, to meet recycling and waste recovery requirements imposed on packaging producers by the Grand-Ducal Regulation of 31 October 1998.

The mission of Valorlux is to promote, coordinate and financially support selective collection, sorting and recycling of household packaging waste in the Grand Duchy of Luxembourg.

In 2004, Valorlux in collaboration with the Ministry of Sustainable Development and Infrastructure, the Environment Agency and the Luxembourg Confederation of Trade (clc) introduced the "Eco-sac" Project in order to limit the use of single-use shopping bags as much as possible, and save our natural resources.

Geographic distribution of members



MEMBERS

By joining Valorlux, companies responsible for bringing packaged goods on the market transfer their legal obligations to a certified organisation and thereby fulfill their legal obligations in relations to packaging.

Key figures

Members → **1 038**

↙ Tonnes of household packaging declared
61 454

Tonnes of commercial packaging reported → **11 169**

6,748 ↙ Million euros of contributions

GREEN POINT FEES

The Green Point fees are calculated based on the costs of collection, sorting and revenue related to the sale of packaging materials which were collected.

Evolution of Green Point fees Excl. VAT (cents €/kg)

PACKAGING MATERIALS	2017	2018
.....		
Glass	1.42	1.33
Paper/Cartons	2.88	2.75
Steel	4.41	3.21
Aluminium	9.86	4.00
Bottles Made of PET	37.03	37.83
Bottles and Flacons Made of HDPE	37.03	37.83
Beverage Cartons	28.35	27.08
Other Recoverable Items	42.96	43.88
Other Non-Recoverable Items	47.25	48.27
Commercial Paper/Cartons	1.45	1.45
Commercial Wood	1.45	1.45
Other Commercial Items	3.95	3.95



IN 2017

7 994

tonnes of packaging left
the sorting center, including:

6 777

tonnes of waste
which were recycled
in facilities in Luxembourg
and in neighboring countries.

1 217

tonnes of waste
which were
recycled by thermal
treatment.

COLLECTION, SORTING AND RECYCLING

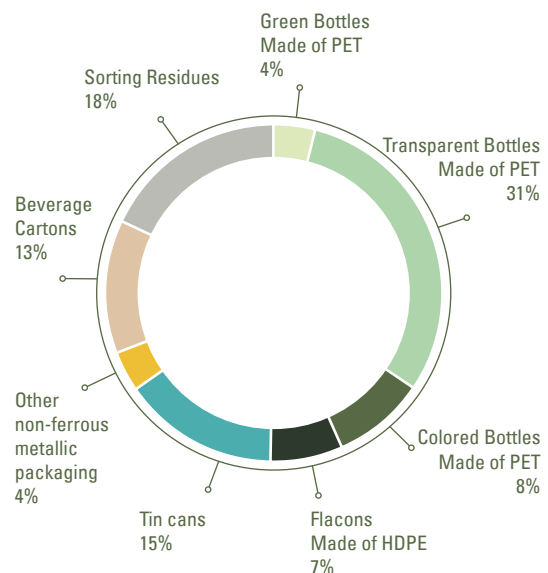
In order to achieve waste recovery and recycling rates imposed by the legislature, Valorlux relies on the following collection scenarios:

Door-to-door Collection (blue/green bags)

The collection of bottles and flacons made of Plastic as well as Metal waste and beverage Cartons (PMC) in blue or green bags is organized and paid by Valorlux in 104 of the 105 municipalities of the Grand Duchy of Luxembourg.

In addition to the municipalities of Mertert and Stadtbredimus which were integrated in March 2016, the Pilot Project called "Green Bags" (PMC collection authorizing plastic films and bags) was also extended to 19 other municipalities: Bertrange, Betzdorf, Biwer, Echternach, Flaxweiler, Garnich, Grevenmacher, Kehlen, Koerich, Kopstal, Lenningen, Mamer, Manternach, Mompach, Remich, Rosport, Septfontaines, Steinfort and Wormeldange.

Composition of recycled packaging via the blue/green bag: 13.78 kg/cap/year



RE-BOX RECYCLING STATION

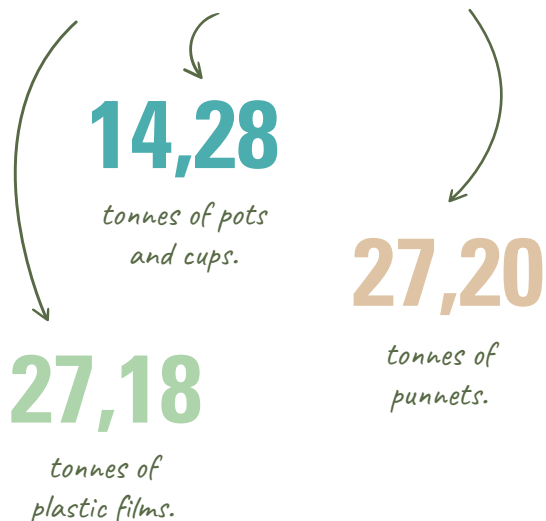
The 15 RE-box recycling station located in car parks of super/hypermarkets allow consumers to recycle plastic packaging such as plastic films, bags, pots, cups and punnets.



IN 2017

68,66

tonnes of packaging waste were sent to 15 stations RE-box stations, including:



Financial Support

Valorlux financially supports the collections of household and commercial packaging waste*.

This type of collaboration consists in paying a flat rate for every tonne of packaging handed to accredited recyclers. The main materials concerned are glass, paper/carton, plastic, metal and wood.

In 2017, Valorlux financially supported:



Centralised Management

Centralised Management, as defined by the Grand-Ducal Regulation of 11 October 2013, is the aid scheme obliging the accredited body to take responsibility for voluntary waste collection and sorting of packaging from a point of collection, for the purpose of recycling.

In 2017, centralised management, the common solution implemented in Recycling Centres and by voluntary contributions, has enabled 19,875 tonnes of glass and 967 tonnes of light household packaging** to be recycled.

* Commercial packaging relates to bulk and transport packaging which wraps products intended for households and that are sold in stores.

** Are considered as light household packaging: bottles made of PET and HDPE, expanded polystyrene, plastic films, pots, cups, punnets made of PP, PET and PS, aluminum and steel packaging, beverage cartons.

Recycling and waste recovery rates imposed by legislation and obtained by Valorlux

MATERIALS	Declared in tonnes			Quantities Recovered in tonnes					Recycling/ Waste recovery in %	
	Household	Commercial	Total	PMC	Financial Support	Commercial	Centralized Management [t]	Total [t]	Valorlux	Legal Min.
Glass	32,852	0	32,852	0	2,273	0	19,875	22,148	67.42%	60%
Paper/Cartons	9,823	9,302	19,126	0	8,062	9,063	0	17,125	89.54%	60%
Plastic	12,330	867	13,196	4,056	222	436	900	5,613	42.54%	22.5%
Metal	4,770	0	4,770	1,470	2,157	0	46	3,673	77.00%	50%
Wood	87	999	1,086	0	0	946	0	946	87.11%	15%
Beverage Cartons	1,240	0	1,240	1,064	35	0	21	1,119	90.27%	—
Others	352	0	352	0	0	0	0	0	—	—
Recycled Sorting Residues	—	—	—	187	0	0	0	187	—	—
Recovered Sorting Residues	—	—	—	1,217	0	0	0	1,217	—	—
Total declared	61,454	11,169	72,622					0		
Total recycled				6,777	12,748	10,445	20,842	50,812	69.97%	60%
Total recovered				7,994	12,748	10,445	20,842	52,029	71.64%	65%

IN 2017, VALORLUX COLLECTED

88,08

kg of packaging per capita, of which:

70,40

kg/cap were household packaging.

17,68

kg/cap were commercial packaging.

ECO-SACS PROJECT

Since the reusable "Eco-bag" was introduced in Luxembourg, it avoided the use of 922 million single-use plastic bags, which has contributed to saving 6,287 tonnes of plastic or the equivalent of 13,982,072 liters of oil.

In 2012, the "Eco-sac" Project was designated as a "Best Practice" initiative in the field of waste prevention by the European Commission.

In 2012, the goal for reusable bags was set to 57%. In 2017, the rate of utilization stabilized at 66.2%.

As part of the "Eco-sac" Project, 1.86 million Eco-bags and 8.75 million single-use bags were sold in 2017 by partner stores, which represents an annual consumption of 3.1 Eco-bags and 14.5 single-use bags per capita.

