

# FACTSHEET 2022

## MEMBERS

### Key figures

▶ **1 300**  
members<sup>1</sup>

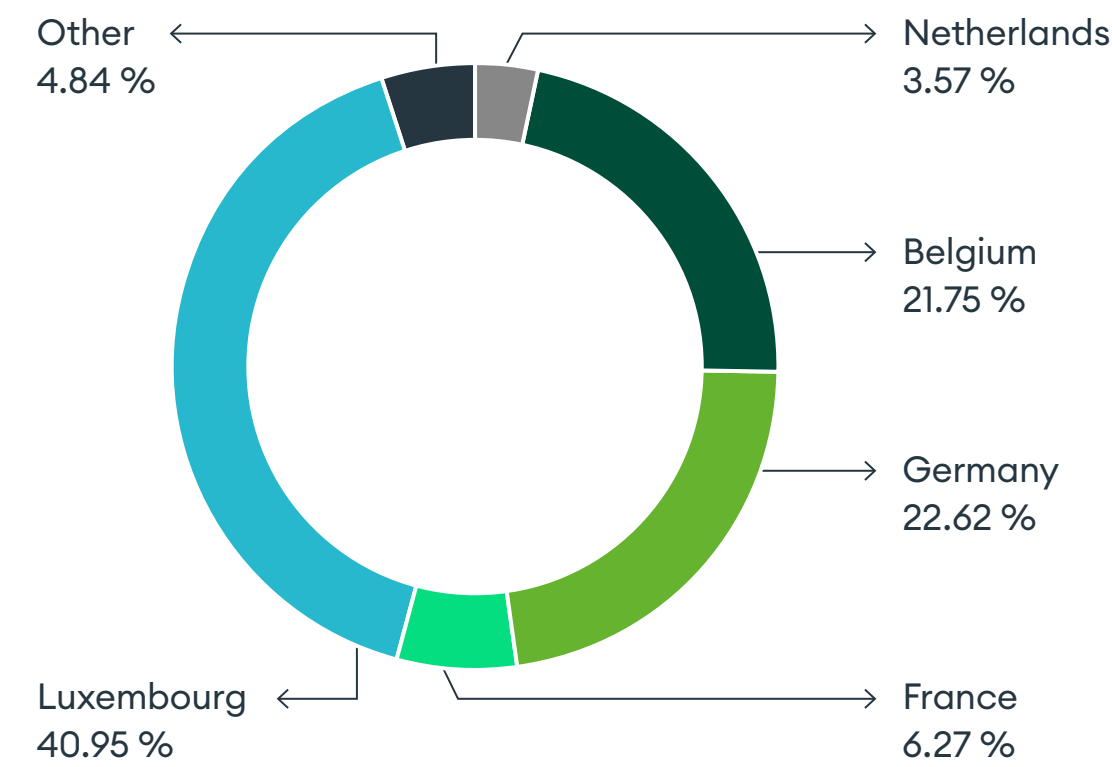
▶ **69 411**  
tonnes of household  
packaging reported

▶ **13 528**  
tonnes of commercial  
packaging<sup>2</sup> reported

▶ **7.19**  
million euros in contributions

<sup>1</sup> List available at [www.valorlux.lu](http://www.valorlux.lu)  
<sup>2</sup> Commercial packaging: bulk and transport packaging used for household items sold in shops.

### Where our members are based



### Green Dot rates

Our Green Dot rates are calculated based on collection and sorting costs, as well as revenue from the sale of packaging collected.

Members are informed of these rates each year and they can also be found on our website [www.valorlux.lu](http://www.valorlux.lu).



### Changes to our Green Dot rates in euro/kilogram excluding VAT

PACKAGING MATERIAL	2022	2023
<b>Primary packaging</b>		
Reusable	/	0.0000
Glass	0.0230	0.0161
Paper/cardboard (> 85 %)	0.0457	0.0444
Beverage cartons	0.3690	0.3269
Steel (≥ 50 %)	0.0162	0.0107
Aluminium (≥ 50 % und ≥ 50µ)	0.0526	0.0286
PET - Bottles and flasks - transparent - colourless or slightly blue	0.2515	0.1226
PET - Bottles and flasks - transparent - dark blue or green	0.4424	0.3593
PET - Bottles and flasks - transparent - other colours	0.5862	0.3821
PET - Bottles and flasks - opaque	0.5862	0.3853
HDPE - Bottles, flasks and other rigid packaging	0.2750	0.1538
PE - Films	0.4495	0.4292
PP - Bottles, flasks and other rigid packaging	0.3441	0.2713
PS - Rigid packaging, except EPS	0.4469	0.4601
Others recoverable	0.9406	0.9628
EPS	/	0.2123
Cork	/	0.1701
Others non recoverable	1.0421	1.1624
<b>Secondary and tertiary packaging (commercial)</b>		
Commercial - Paper/cardboard	0.0145	0.0145
Commercial - Others	0.0395	0.0395
Commercial - Wood	0.0145	0.0145

Sorting, collection  
AND RECYCLING

➤ Packaging waste – key figures

▶ **63 562**  
tonnes collected in Luxembourg,  
or 98.48 kg/person/year

▶ **71 167**  
tonnes recycled and recovered

▶ **13 224**  
tonnes collected via the Valorlux's  
blue bag<sup>1</sup>, or 20.49 kg/person/year

▶ **645 397**  
people use Valorlux's blue bag<sup>1</sup>

➤ Collection systems and financial support

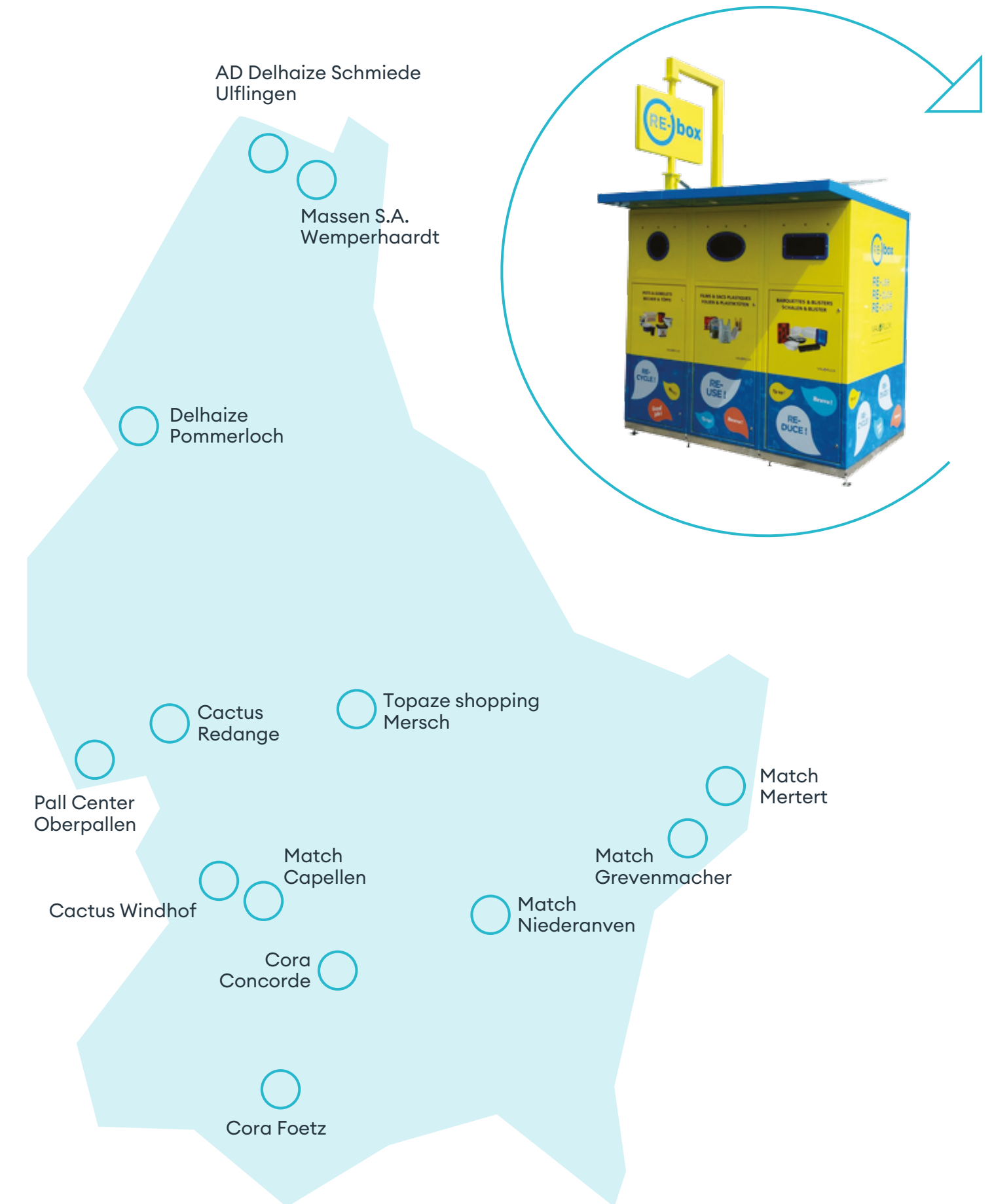
To ensure the recovery and recycling rate established by law is reached, Valorlux's model is based on:

- Door-to-door collections (Valorlux blue bag<sup>1</sup>)
- The RE-Box
- Financial support
- Recycling centres



➤ RE-Box

In 2022, 16.63 tonnes of packaging waste were collected using 14 RE-Boxes spread across Luxembourg.



<sup>1</sup> Blue bag: plastic bottles, containers, pots, cups, trays, films and bags, metal packaging and beverage cartons

➤ *Financial support*

Valorlux provides financial support for packaging waste collections all over Luxembourg, an example being door-to-door collections of paper and cardboard, organised by local authorities, consortia and associations of communes. This type of collaboration involves paying a set amount for each tonne of packaging given to accredited recycling companies.

In 2022, Valorlux provided financial support for the collection of 39,058 tonnes (60.51 kg/person/year) of packaging waste.



➤ *Recycling centres*

In 2022, the amount of packaging waste collected by recycling centres was 3,522 tonnes or 5.45 kg/person/year.

➤ *Recycling and recovery figures*

MATERIAL	Total reported in tonnes			Total recovered in tonnes (recycling input)			Total recovered in tonnes (recycling output)		Recycling/recovery (in %)			
	Household packaging <sup>1</sup>	Commercial packaging <sup>2</sup>	Total	Valorlux blue bags	Financial support	Containers, door-to-door and recycling centres	Commercial packaging <sup>2</sup>	Total	Valorlux	Legally required minimum		
Glass	36,725		36,725		1,790	23,693		25,484	95.00 %	24,210	65.92 %	60
Paper/cardboard	13,072	11,240	24,311		10,878		10,208	21,086	79.20 %	16,700	68.69 %	60
Plastic	13,331	1,622	14,953	7,260	28	454	755	8,497	88.50 %	7,520	50.29 %	22,5
Metal	4,591		4,591	1,992	2,074	40		4,106	72.40 %	2,973	64.74 %	50
Wood	137	666	802				649	649	100.00 %	649	80.92 %	15
Beverage cartons	1,142		1,142	1,188		17		1,206	66.70 %	804	70.45 %	-
Other	414		414									-
Thermally recovered trays	-	-	-	755		82		837				-
Thermally recovered sorting residues	-	-	-	1,885				1,885				-
<b>Total reported</b>	<b>69,411</b>	<b>13,528</b>	<b>82,939</b>									
<b>Total recycled</b>				<b>10,441</b>	<b>14,770</b>	<b>24,205</b>	<b>11,613</b>	<b>61,028</b>		<b>52,856</b>	<b>63.73 %</b>	<b>60</b>
<b>Total recovered</b>				<b>13,080</b>	<b>14,770</b>	<b>24,287</b>	<b>11,613</b>	<b>63,750</b>		<b>71,922</b>	<b>86.72 %</b>	<b>65</b>

1 Household packaging: packaging waste typically produced in a residential context  
 2 Commercial packaging: bulk and transport packaging used for household items sold in shops

### ➤ Destination of collected material

MATERIAL	WEIGHT (T)	DESTINATION
Plastic	2.065,14	AGR_DAR GmbH, Herten (D)
	18,64	Broeckx Plastic Recycling B.V., Esbeek (NL)
	31,38	Claraplast, Wilrijk (B)
	39,05	Dimaplast, Somain (F)
	39,58	EU Rec, Hermeskeil (D)
	23,00	Freudenberg, Colmar (F)
	32,90	Hüntelmann Kunststoffe GmbH, Niederlangen (D)
	41,28	Karl Bach Kunststoff GmbH, Biedenkopf (D)
	24,00	KTP Packing Solutions, Bous (D)
	23,32	Kunststoffrecycling Grünstadt, Grünstadt (D)
	71,27	Lamesch Expl. S.A., Bettembourg (L)
	91,22	Pakufol Folienprodukte GmbH, Siegelsbach (D)
	110,10	Paprec France Plastiques Recyclage, Limay (F)
	1.570,08	Paprec Plastics 71, La Loyère (F)
	96,58	Peute Recycling, Dordrecht (NL)
	37,62	RDB Plastics GmbH, Duisburg (D)
	99,02	RE Plano, Duisburg (D)
	1.724,97	Serveco GmbH, Merzig (D)
	24,60	Soprema, Tongeren (B)
	30,98	SRH Kunststoffe, Plauen (D)
10,82	Styrocom, Schwebheim (D)	
24,80	Transplast Engineering, Sorcy Saint Martin (F)	
122,84	Vogt Plastics GmbH, Premnitz (D)	
1.200,36	Wellmann, Verdun (F)	
161,12	Wilken Plastikrecycling, Haren (D)	
Metal	29,58	Ecore Belgium, Aubange (B)
	1.311,28	ESKA, Woippy (F)
	680,80	HKS Belgium N.V., Geel (B)
	10,12	Nouveaux établissements Liébaert, Senningerberg (L)
Beverage cartons	1.205,68	Papierfabrik Niederauer Mühle GmbH, Kreuzau (D)
Glass	23.693,00	Sibelco, Saint-Menge (F)
Sorting residues	15,60	Bas Van Den Ende, Hoek van Holland (NL)
	1.951,25	Lamesch Expl. S.A., Bettembourg (L)
<b>Exported and recycled quantity</b> (exportation managed by Valorlux)	<b>34.563,74</b>	

### Prevention and sorting AWARENESS INITIATIVES

#### ➤ Key figures

▶ **1.5**

*billion single-use plastic bags saved since 2004 thanks to the Eco-bag, which amounts to 10,294 tonnes of plastic or 22,895,236 litres of oil.*

▶ **74.8 %**

*of consumers in Luxembourg use reusable bags when doing their shopping.*

▶ **4.3 %**

*In 2022, 4.3 % of consumers who packaged their fruits and vegetables themselves, used reusable packaging systems.*

### About VALORLUX

Valorlux is a non-profit organisation whose main mission is to ensure the separate collection, sorting and recycling of packaging waste in Luxembourg. As such, it ensures its company members meet their legal requirements in terms of recycling and recovering packaging waste.

Founded in 1995, it is accredited by the Luxembourg Ministry of the Environment, Climate and Sustainable Development, and currently has more than 1,300 company members. For more information, please see our full annual report at

[www.valorlux.lu](http://www.valorlux.lu)

