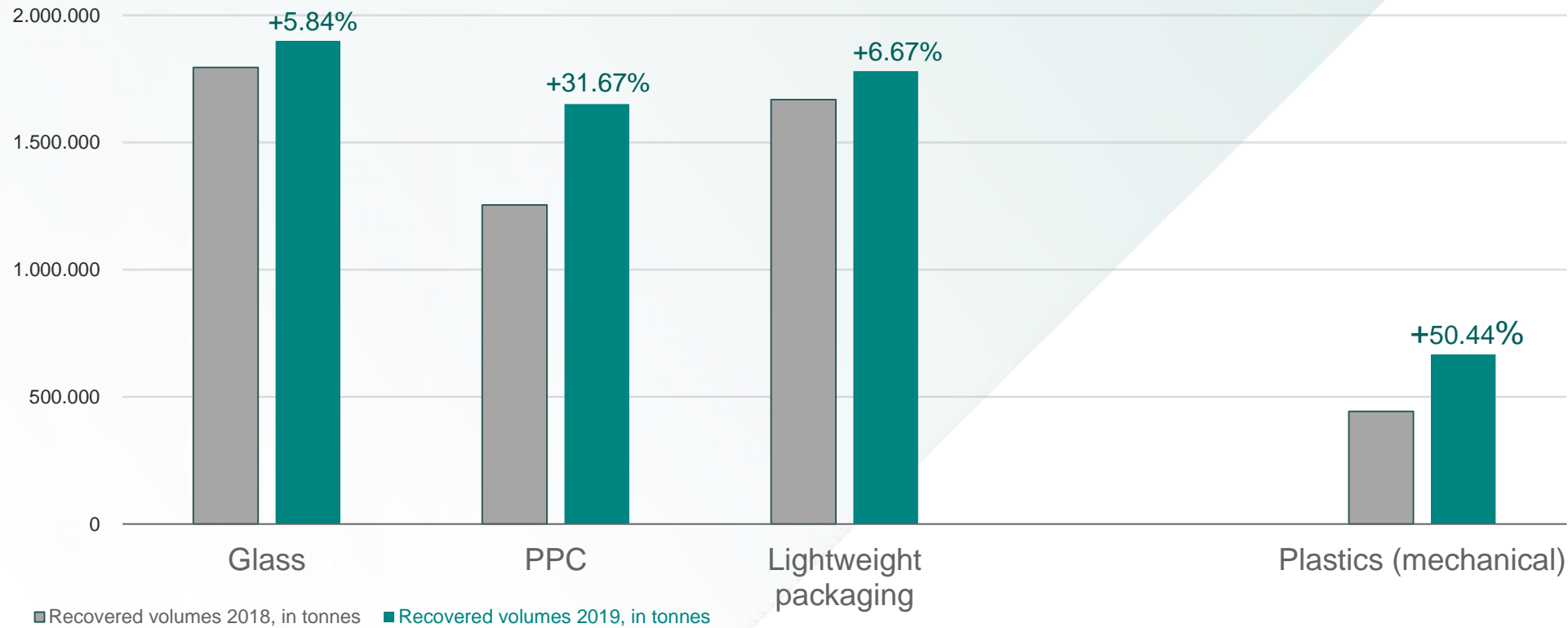


Comparison of recovered volumes in 2018–2019

Increase in recovered volumes across all material groups



A total of 5.3 million tonnes in used packaging was recovered in 2019, representing a year-on-year increase of 13%. The mechanical recovery of plastics posted the strongest increase, at 50%.

Recycling rates 2019

Preliminary notes

In the 2019 reference year, the systems achieved the following recycling rates:

	PPC	Glass	Plastics		Aluminium	Ferrous metals	Beverage carton packaging	Other composite packaging
			Total	Mechanical				
Recycling rate 2019	81.9%	81.3%	107.9%	58.5%	93.9%	95.2%	79.1%	57.6%
VerpackG target	85.0%	80.0%	90.0%	58.5%	80.0%	80.0%	75.0%	55.0%
	-3.1%	+1.3%	+17.9%	+0.0%	+13.9%	+15.2%	+4.1%	+2.6%

Of the waste collected in yellow bins and sacks – sorting errors included – a total (the system’s total recycling quotas pursuant to section 16 (4)) of 52.0% was recycled (required: 50%).

- ◆ The record for these rates refers to 2019 and the legal framework of the Verpackungsgesetz (Packaging Act – VerpackG) for the first time.
- ◆ The reference value is the volume that entered the systems. As a result, the system participation also determines the actual recovery volume.
- ◆ Since system participation in 2019 increased significantly but was still unsatisfactory overall, a recovery rate of > 100% was achieved for plastics.
- ◆ For paper/paperboard/cardboard packaging (PPC), 100% was recovered but not recorded because in many cases conditions had not been agreed with local authorities.

Recycling rates 2019*

Exports of plastics

Exports of plastics for mechanical recycling increased materially in 2019. Most of the destination countries belong to the EU, but other countries close to the EU are involved as well. The following overview on plastics shows the dimension for 2019:

All systems	Percentage
Recovery within Germany	66.97%
Recovery outside of Germany	33.03%
thereof within the EU	32.12%
thereof non-EU (Turkey, Switzerland, Serbia)	0.91%

Comments:

Almost 8,500 tonnes of plastics were not recognised due to a lack of evidence of recovery; they are therefore not included in this overview.

The quotas were just barely met.

Transparency is proving effective.

The following overview shows the values of all sorted plastics in 2019:

All systems/ all plastics	Percentage
Recovery within Germany	83.83%
Recovery outside of Germany	16.17%
thereof within the EU	15.54%
thereof non-EU (Turkey, Switzerland, Serbia)	0.64%

* The recycling rates were reviewed based on newer insights.

Recycling rates 2019*

Exports of composite packaging

Exports of other PPC composites (without beverage carton packaging) for recovery, too, increased materially.

The following **overview** on other composites shows the **dimension** for **2019**:

All systems	Percentage
Recovery within Germany	73.25%
Recovery outside of Germany	26.75%
- thereof Bulgaria	18.59%
- thereof the Netherlands	7.90%
- thereof other EU countries	0.26%

Comments:

The volumes delivered to Bulgaria were cut by almost 2,500 tonnes due to incorrect information in a facility certificate.

Transparency is proving effective.

* The recycling rates were reviewed based on newer insights.