

The above data are rounded estimations.

1. For data availability reasons, mechanically and chemically recycled plastics production (post-consumer) data cannot be shown separately. Chemically recycled plastics represent a small share of the total post-consumer recycled plastics production.

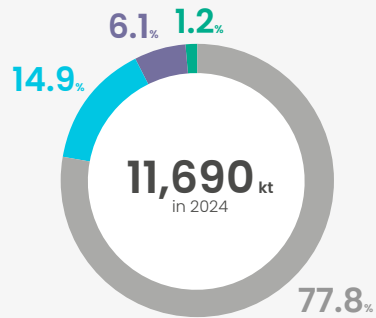
2. Pre-consumer plastics waste is mainly originating from the plastics conversion activities, and production to a lesser extent.

3. For data availability reasons, bio-attributed plastics are not included in national data.

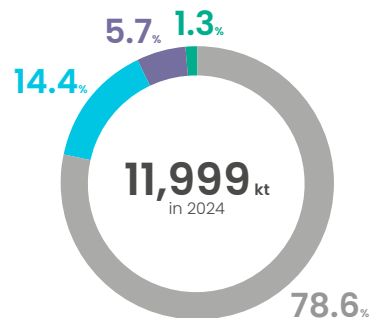
4. Including 580 kt recycling of German plastics waste abroad (intra-EU27+3 included). German plastics waste export surplus for intra and extra EU27+3: 456 kt estimated import in 2024, and 743 kt estimated plastics waste export.

5. Several steps are needed between the input of plastics waste into chemical recycling and the input into polymerisation, also depending on the chemical recycling technology. More details are available in the "Circular Economy for Plastics - A European Analysis" 2026 report.

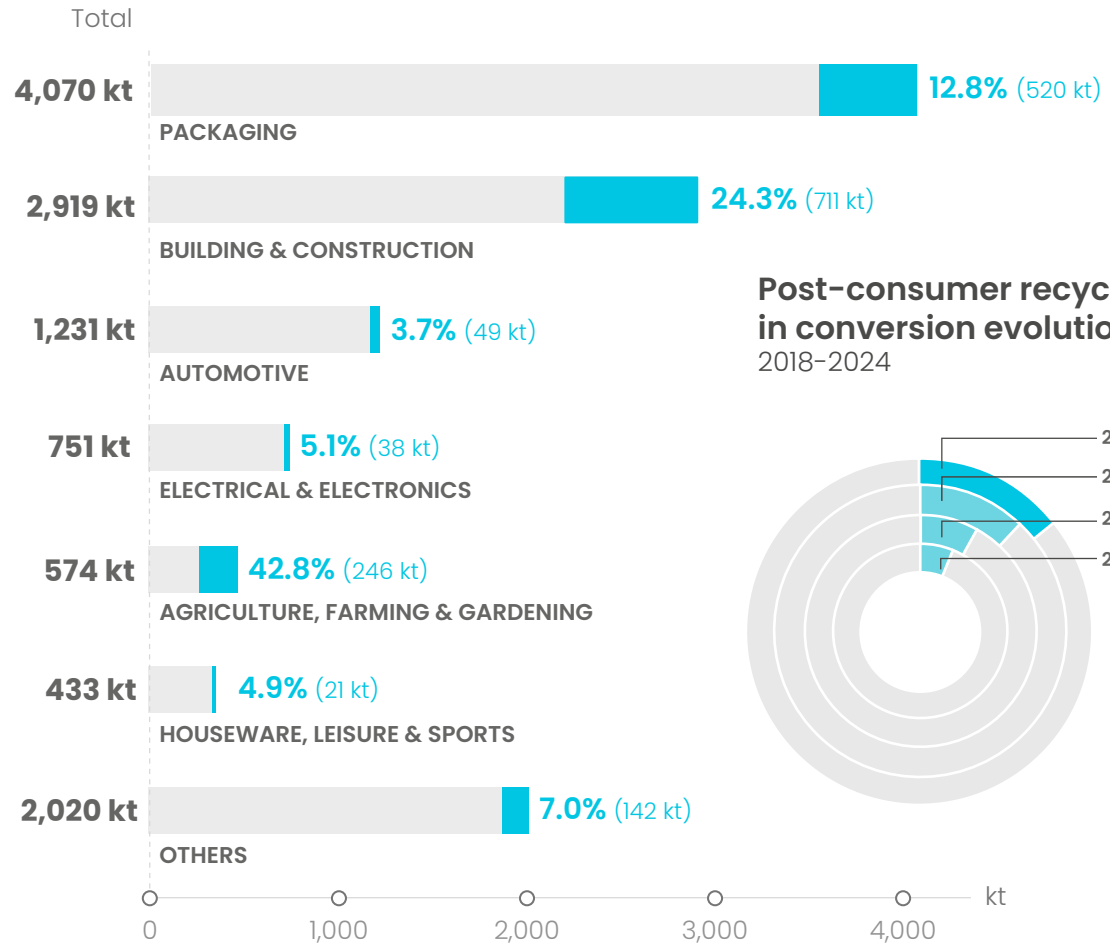
Plastics production
2024



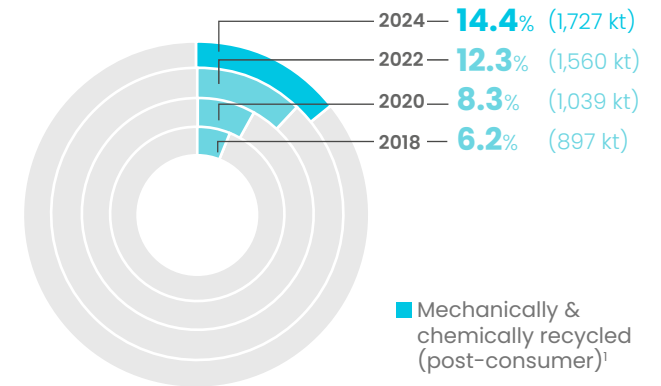
Plastics conversion
2024



Post-consumer recycled plastics in conversion
2024, in kt



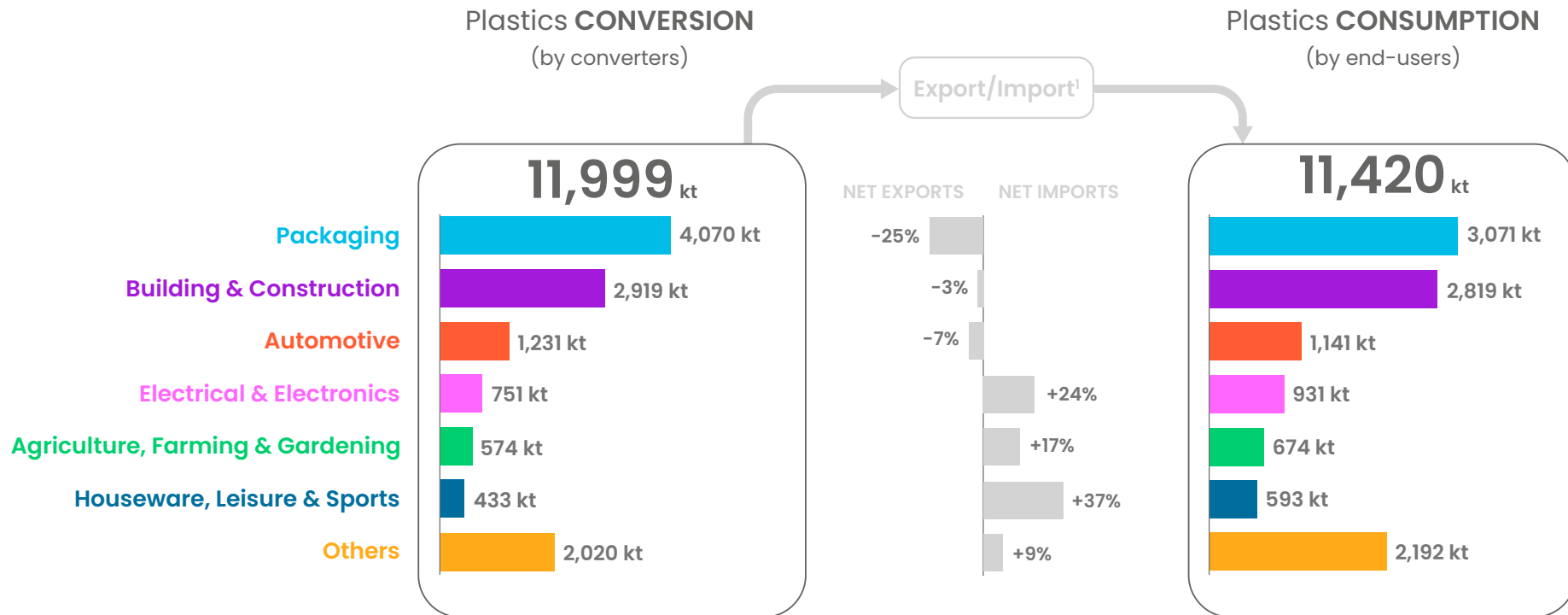
Post-consumer recycled plastics in conversion evolution
2018-2024



- Fossil-based
- Mechanically & chemically recycled (post-consumer)¹
- Mechanically recycled (pre-consumer)
- Bio-based²

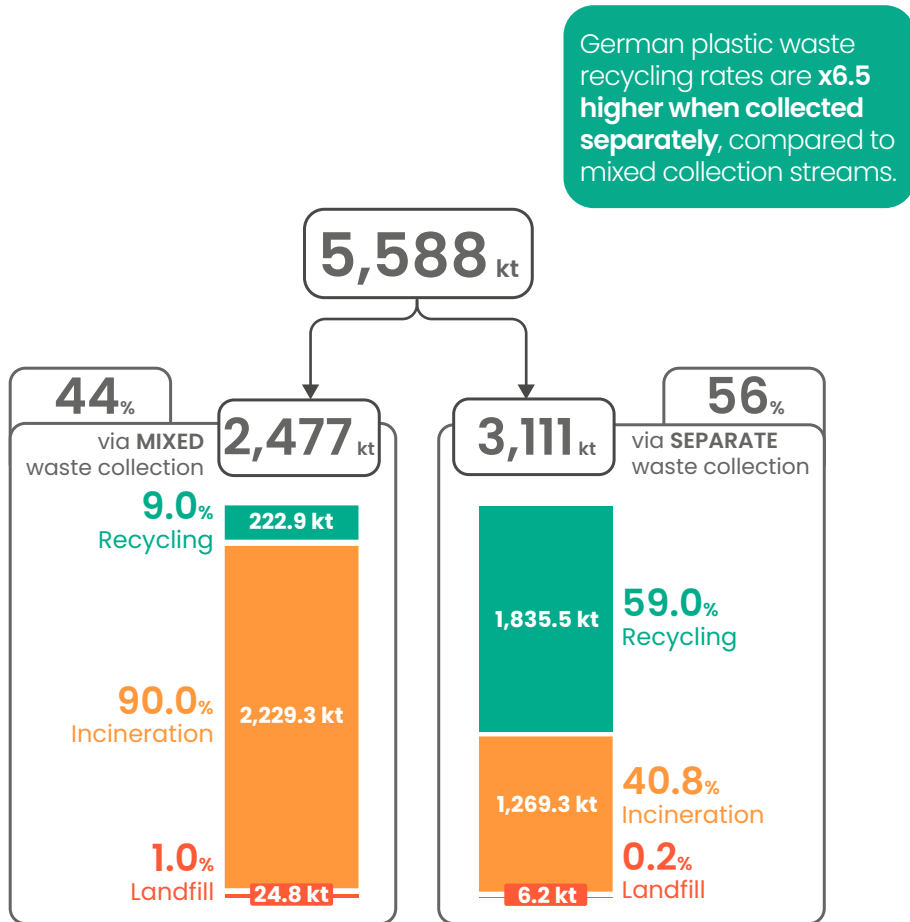
The above data are rounded estimations.
 1. For data availability reasons, chemically recycled plastics (post-consumer) are not included in conversion data.
 2. For data availability reasons, bio-attributed plastics are not included in national data.

Plastic products conversion, trade and national consumption
2024, in kt

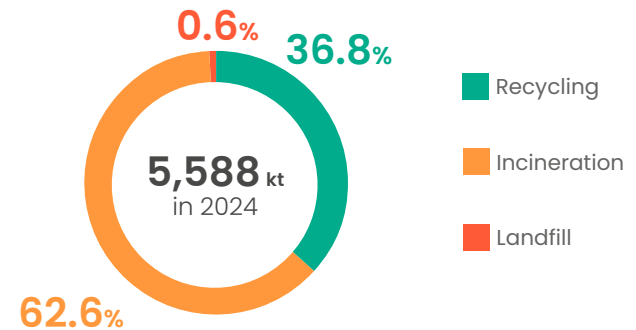
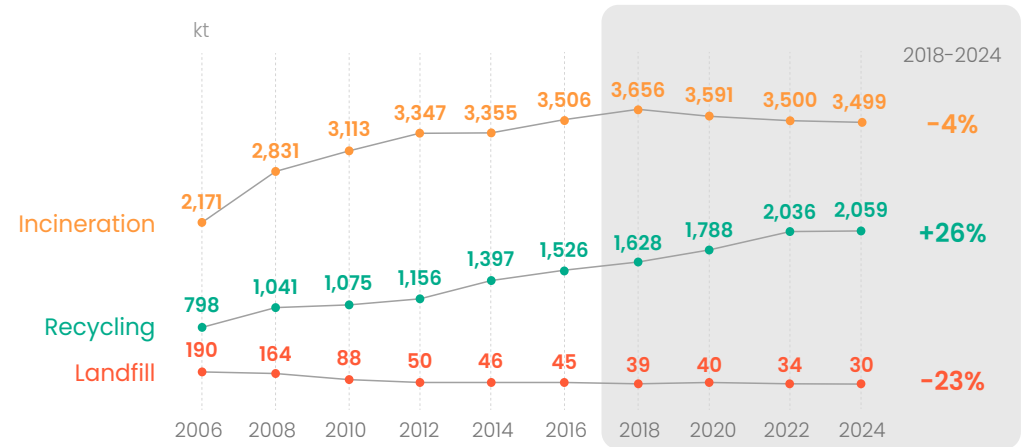


The above data are rounded estimations.
1. Extra and intra EU27+3 trade.

Post-consumer plastic waste collection and treatment
2024, in kt



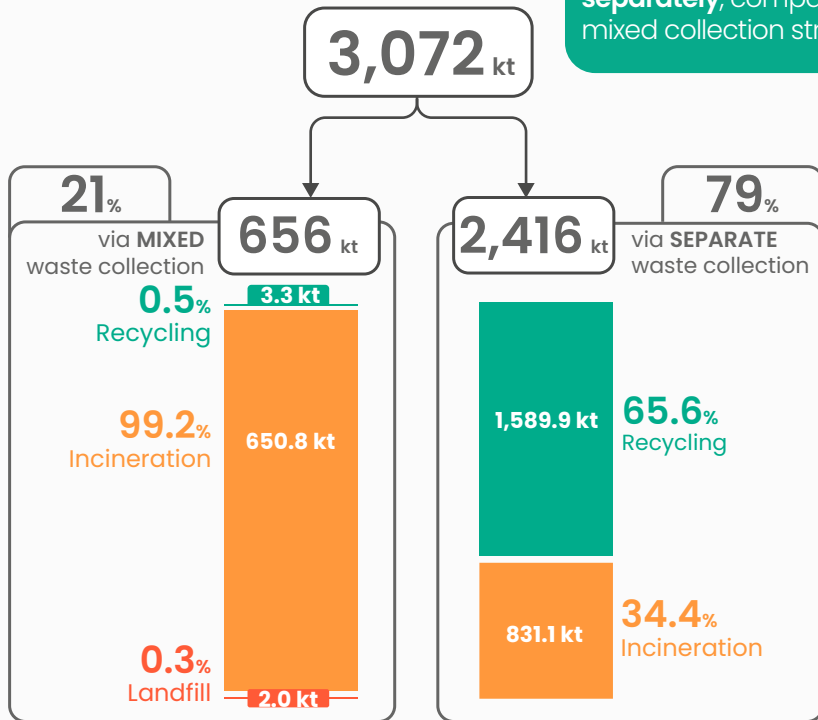
Post-consumer plastic waste treatment evolution
2006-2024, in kt



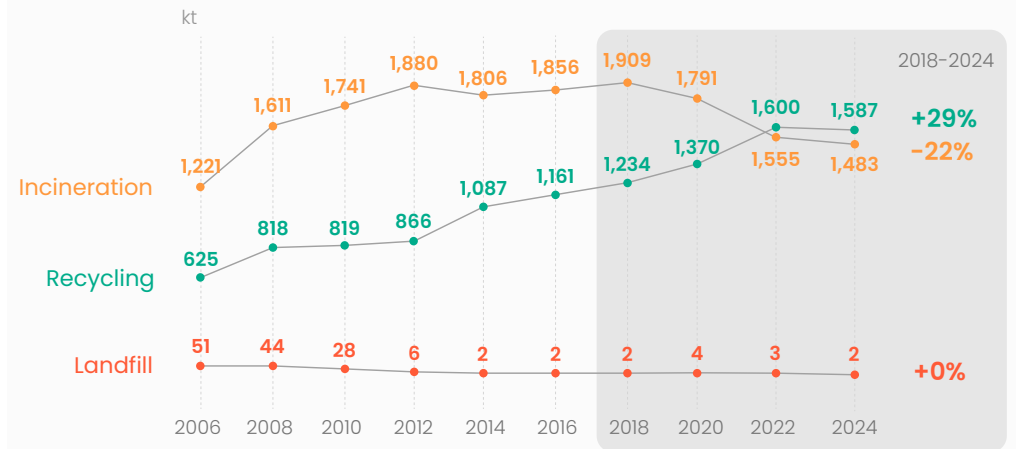
PACKAGING¹

Post-consumer plastic PACKAGING waste collection and treatment
2024, in kt

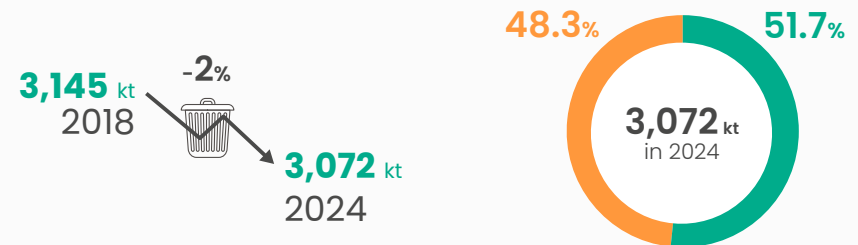
German plastic PACKAGING waste recycling rates are **x130 higher when collected separately**, compared to mixed collection streams.



Post-consumer plastic PACKAGING waste treatment evolution
2006-2024, in kt



Post-consumer plastic PACKAGING waste collection evolution
2018-2024



The above data are rounded estimations.
 1. From household, industrial, and commercial plastics packaging.

Post-consumer plastic waste collection and treatment by application
2024, in kt

