

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.

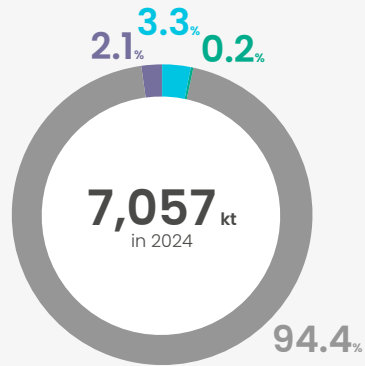
3. For data availability reasons, bio-attributed plastics are not included in national data.

4. Including 120 kt recycling of Belgian plastics waste abroad (intra-EU27+3 included). Belgian plastics waste export surplus for intra and extra EU27+3: 147 kt estimated import in 2024, and 150 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.

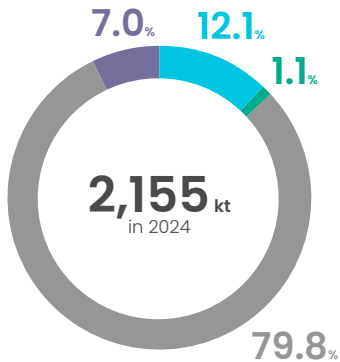
Plastics production

2024, in kt



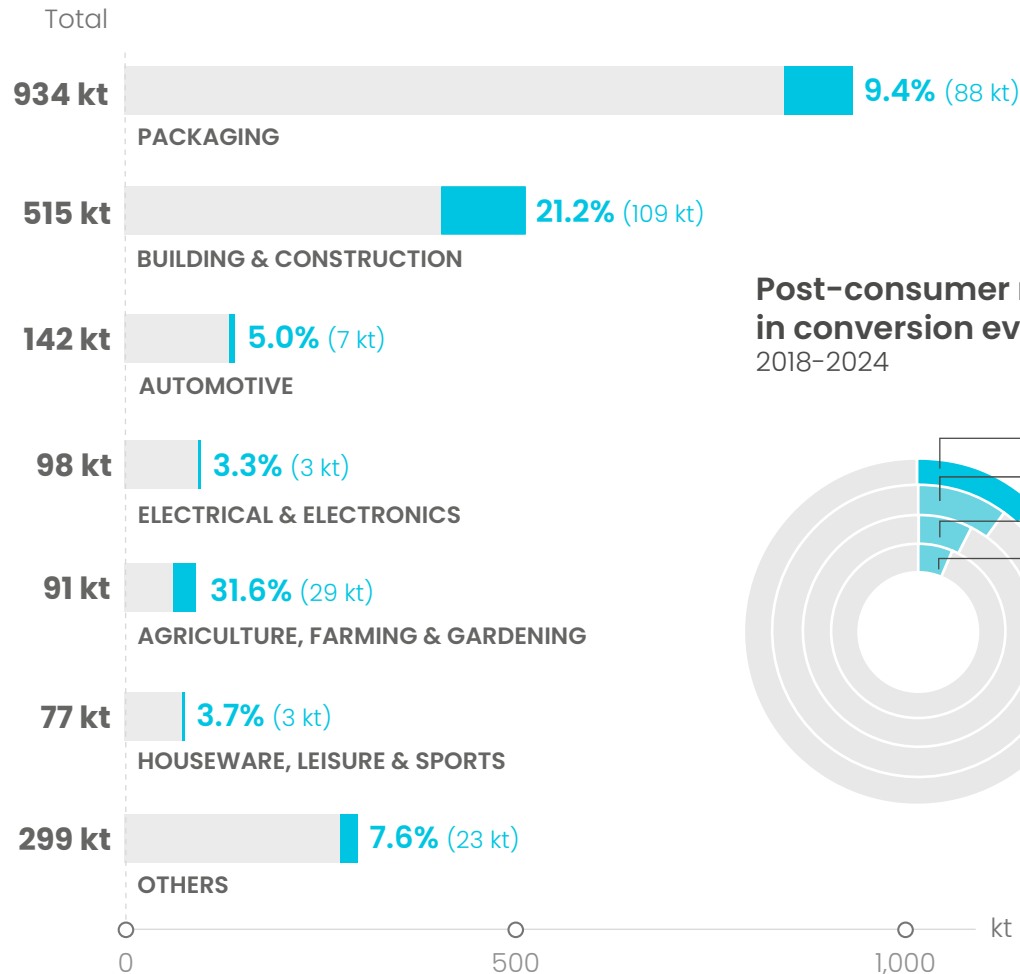
Plastics conversion

2024, in kt



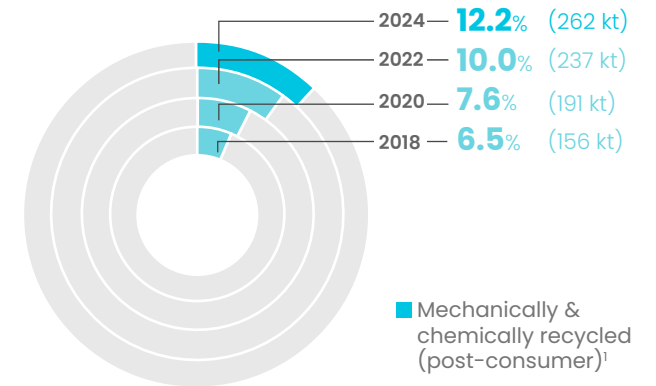
Post-consumer recycled plastics in conversion

2024, in kt



Post-consumer recycled plastics in conversion evolution

2018-2024

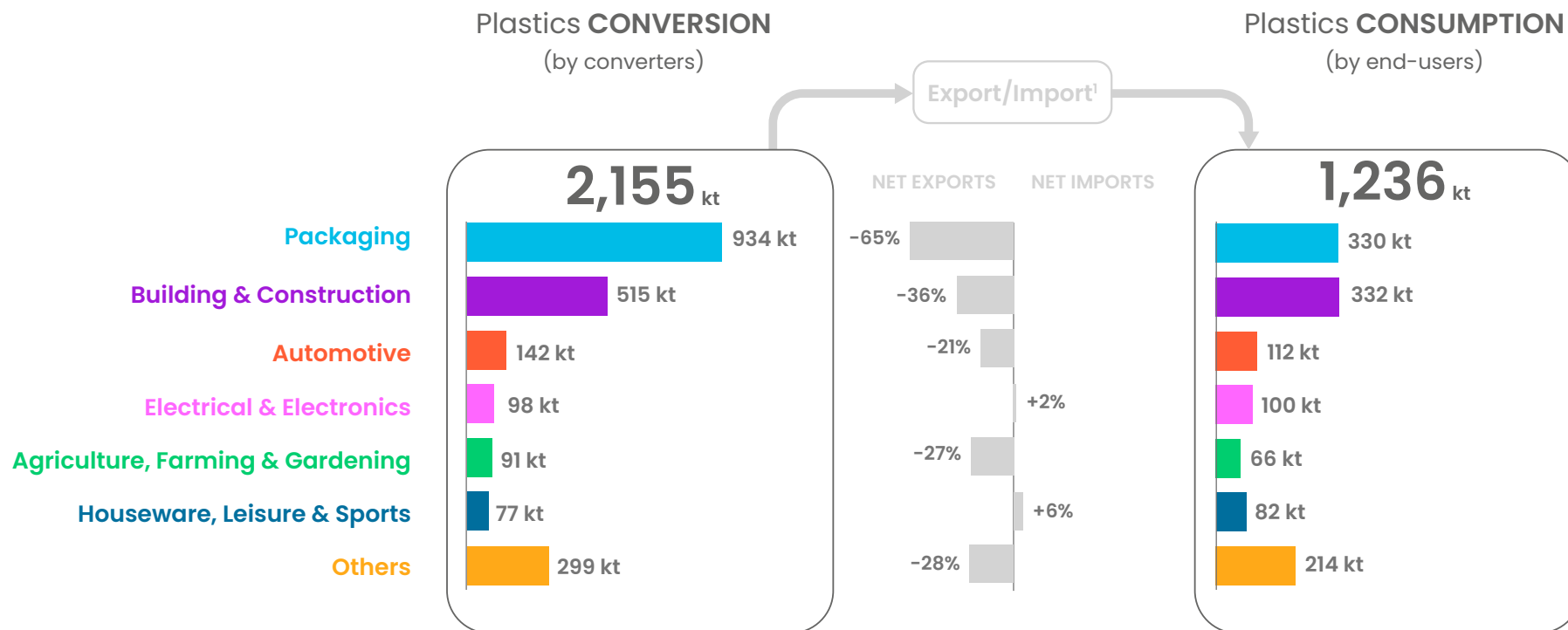


- Mechanically & chemically recycled (post-consumer)¹
- Bio-based²
- Fossil-based
- Mechanically recycled (pre-consumer)

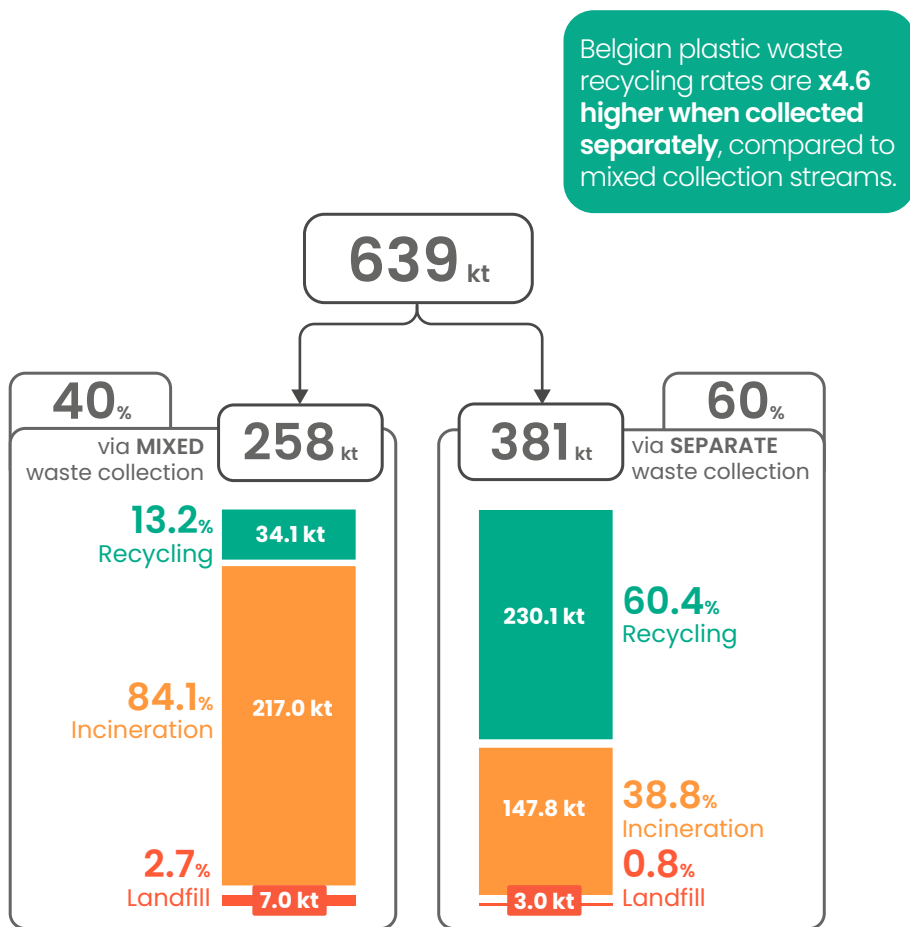
The above data are rounded estimations.
 1. For data availability reasons, chemically recycled plastics (post-consumer) are not included in conversion data.
 2. For data availability reasons, bio-attributed plastics are not included in national data.

Plastic products conversion, trade and national consumption

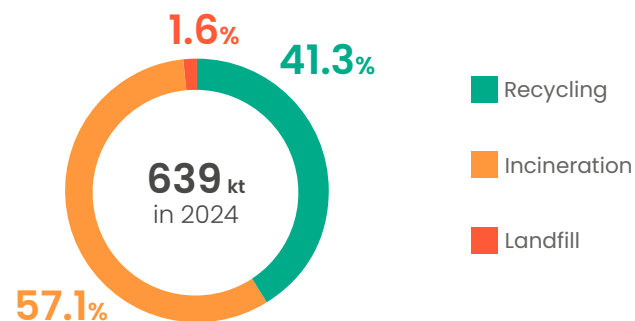
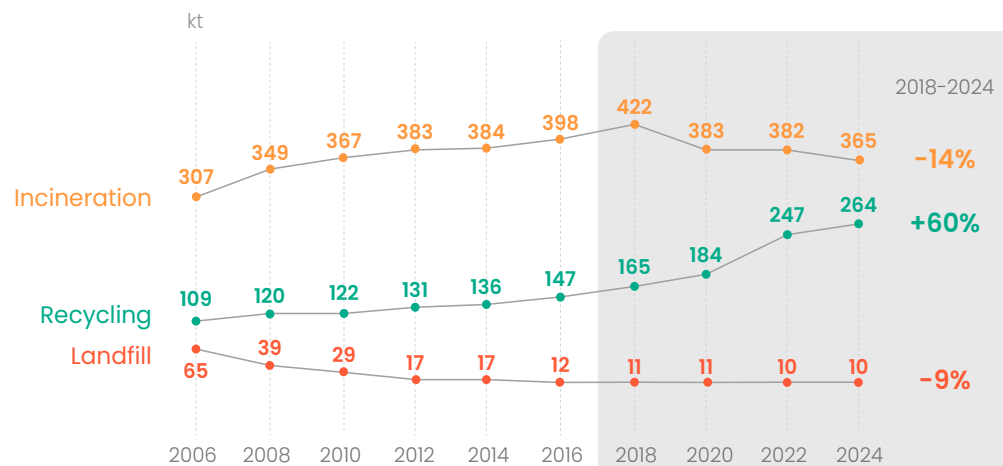
2024, in kt



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

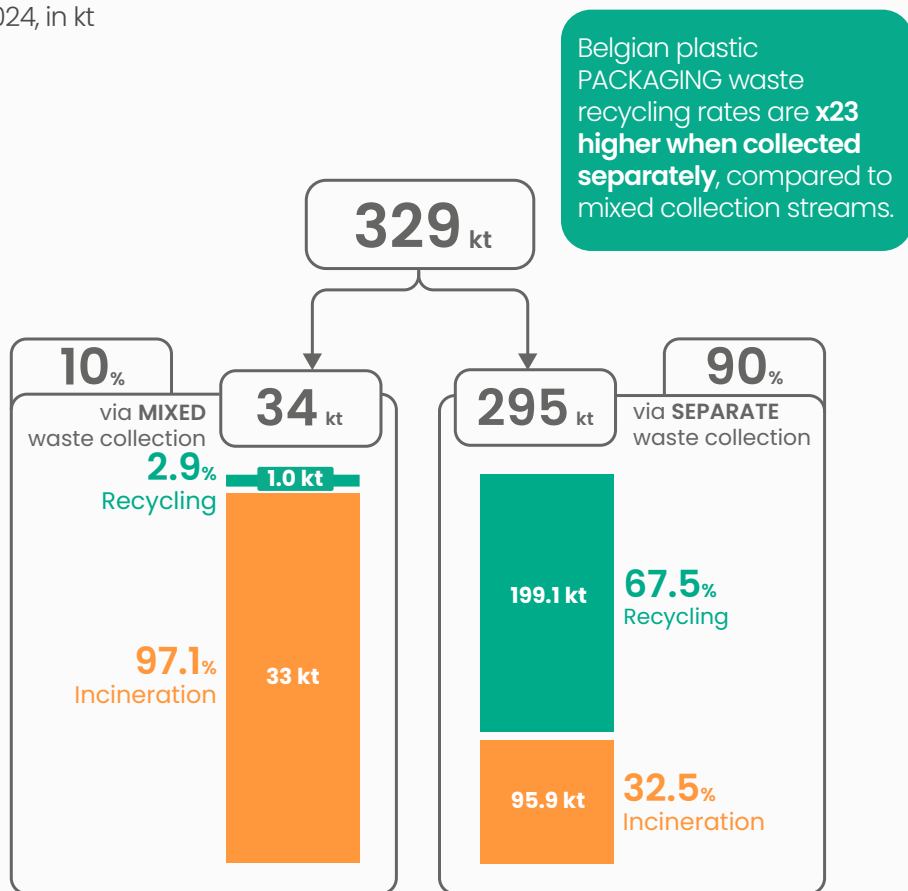


Post-consumer plastic waste treatment evolution 2006-2024, in kt

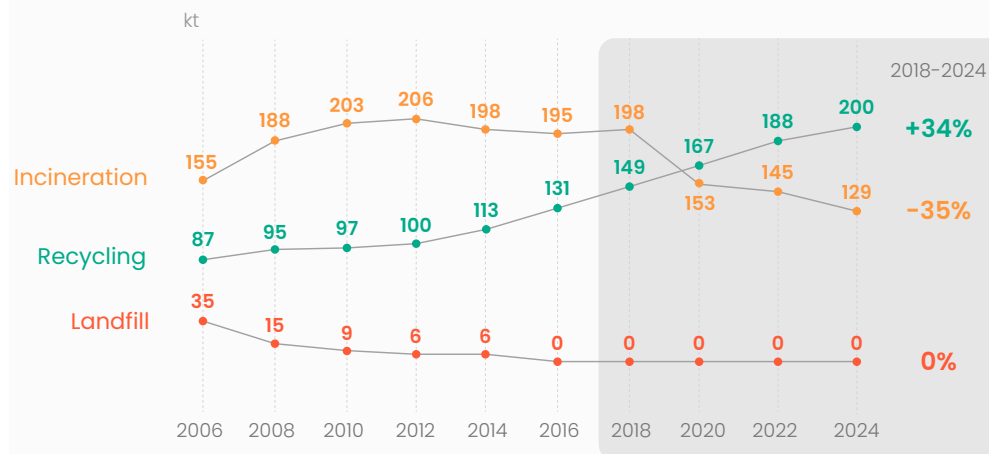


PACKAGING¹

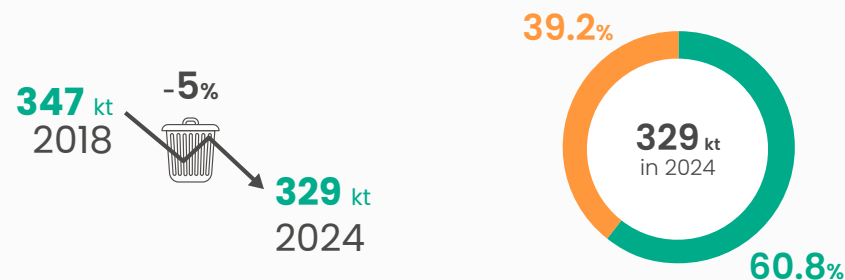
Post-consumer plastic PACKAGING waste collection and treatment 2024, in kt



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

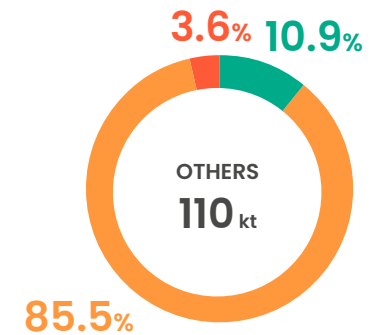
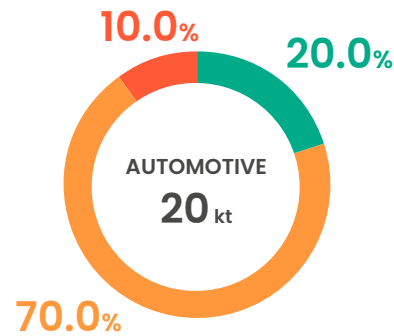
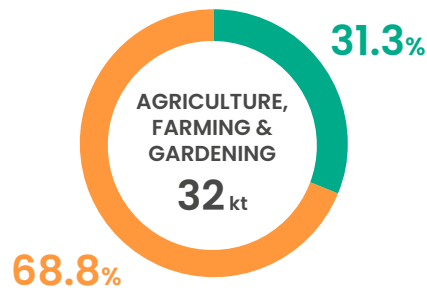
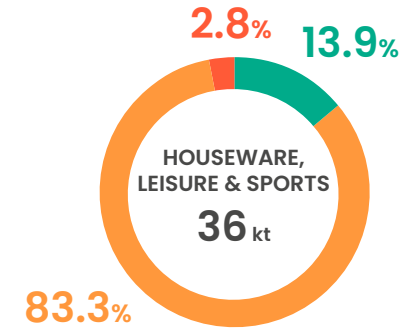
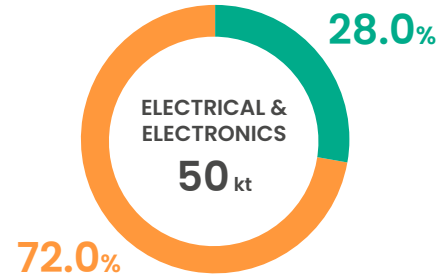
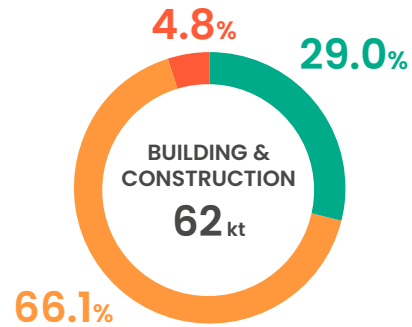


Post-consumer plastic PACKAGING waste collection evolution 2018-2024, in kt

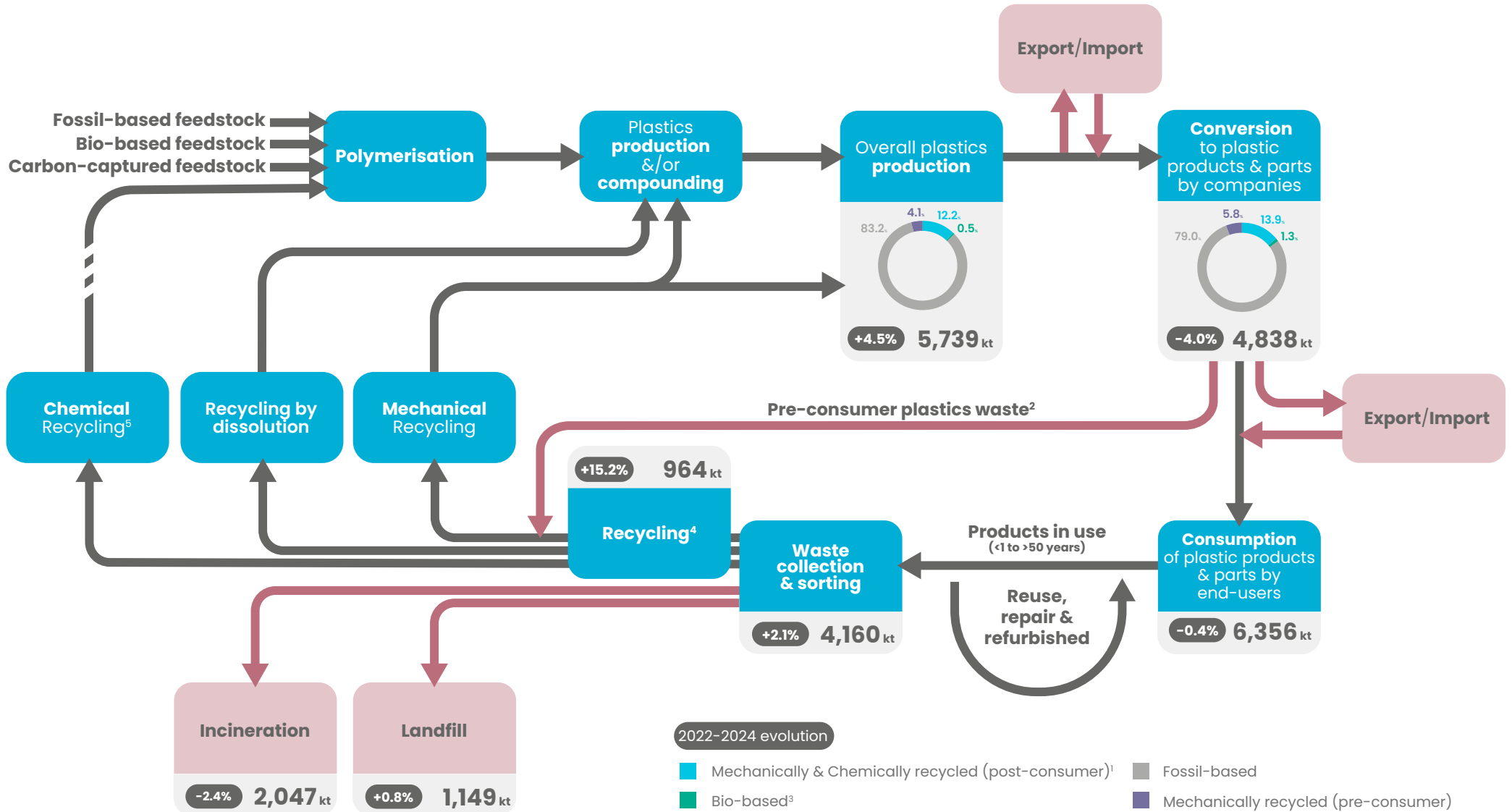


The above data are rounded estimations.
 1. From household, industrial, and commercial plastics packaging.

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



■ Recycling ■ Incineration ■ Landfill



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.

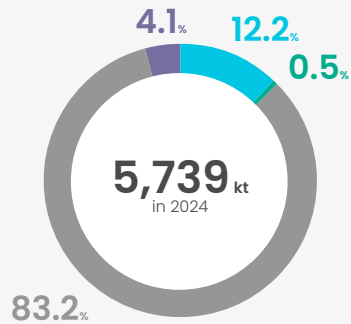
3. For data availability reasons, bio-attributed plastics are not included in national data.

4. Including 313 kt recycling of French plastics waste abroad (intra-EU27+3 included). French plastics waste export surplus for intra and extra EU27+3: 109 kt estimated import in 2024, and 394 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.

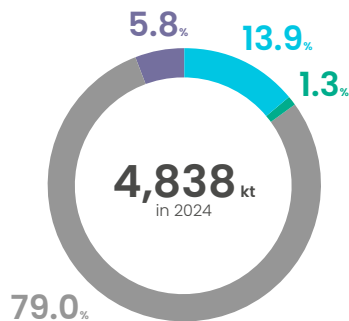
Plastics production

2024, in kt



Plastics conversion

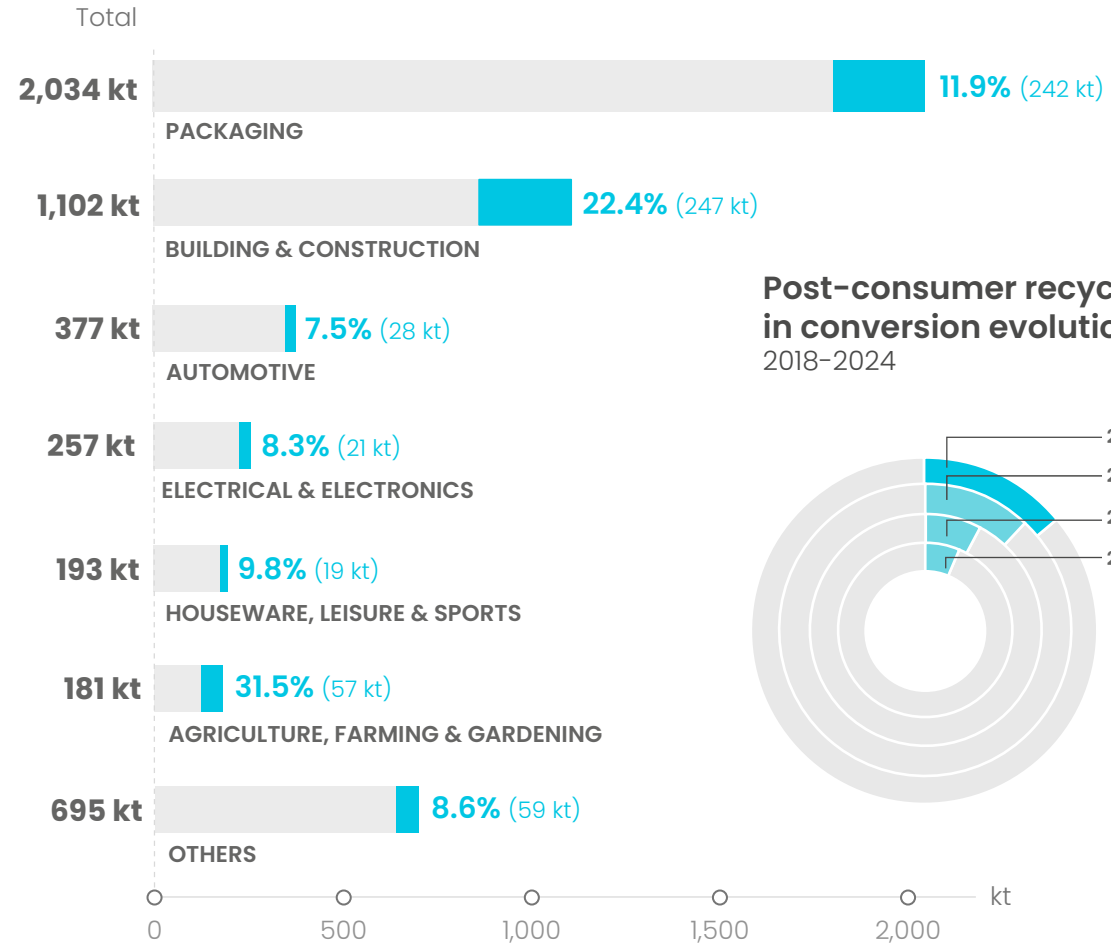
2024, in kt



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

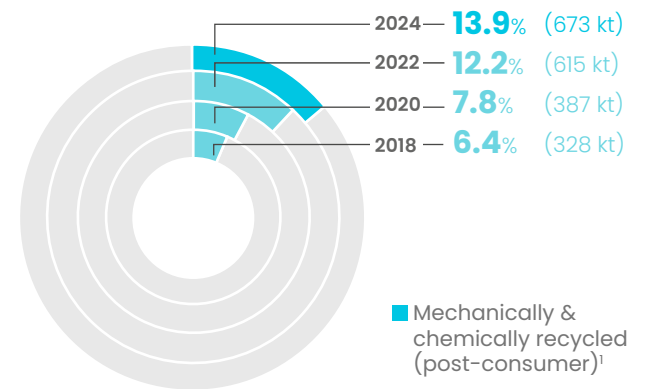
Post-consumer recycled plastics in conversion

2024, in kt



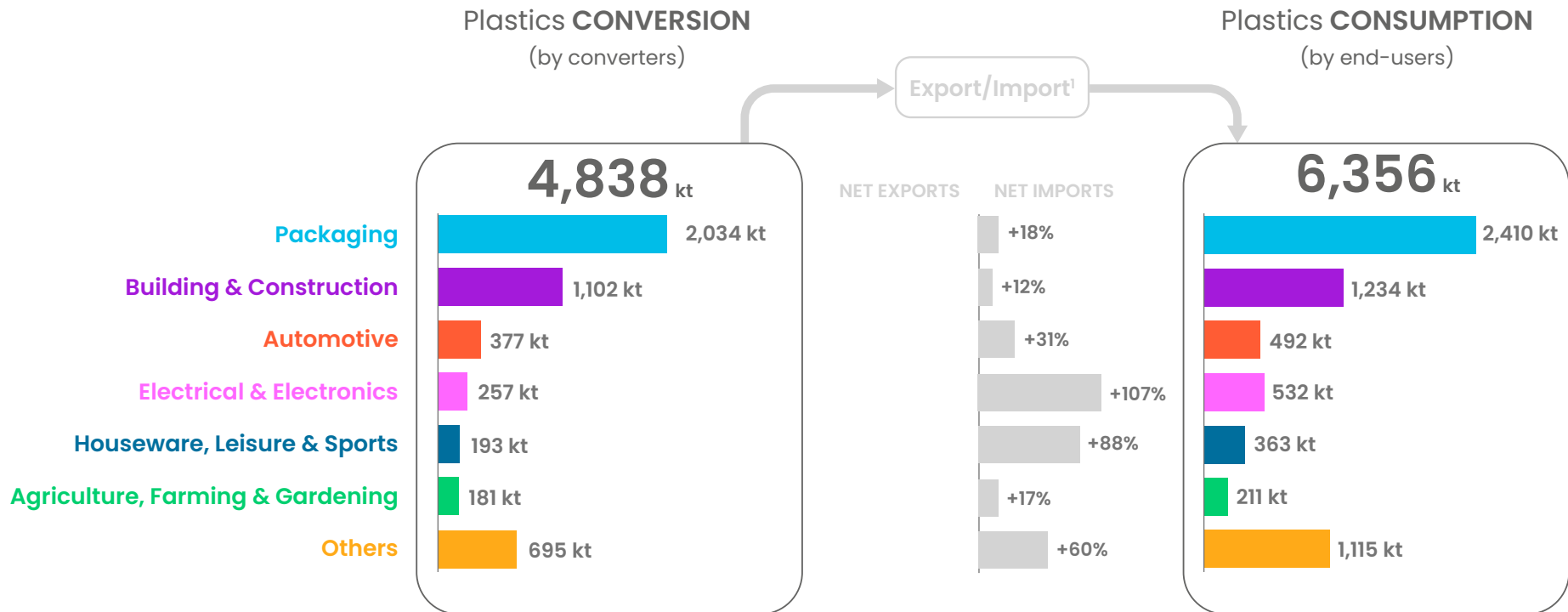
Post-consumer recycled plastics in conversion evolution

2018-2024



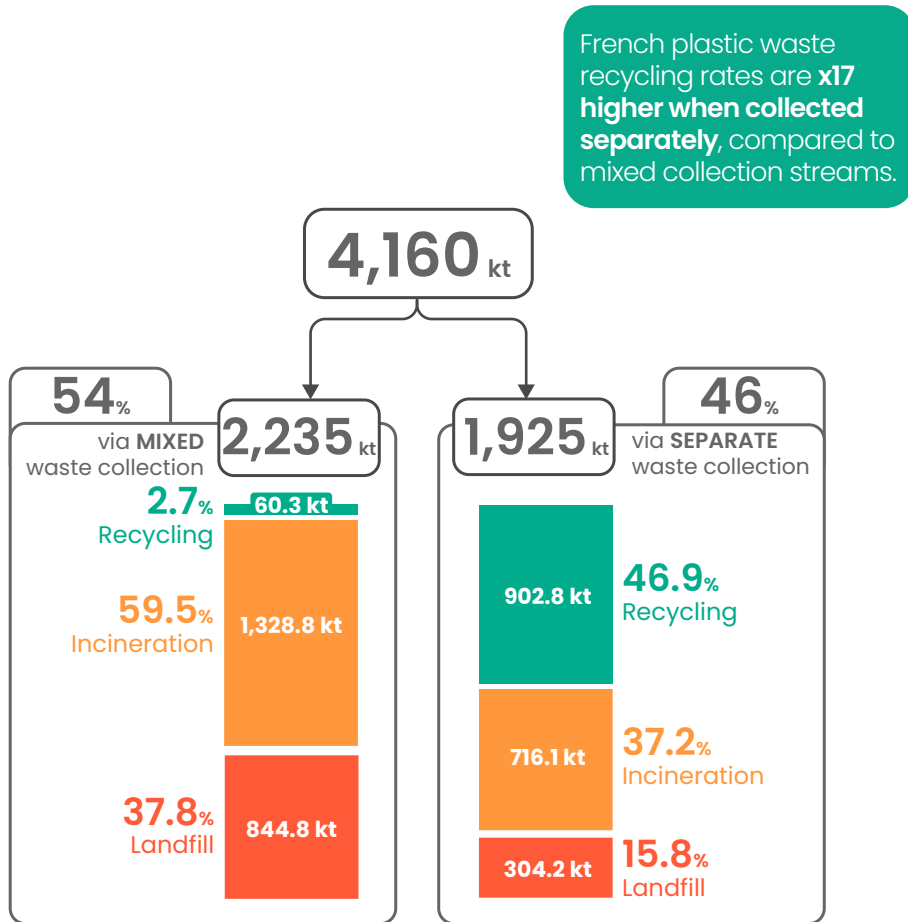
The above data are rounded estimations.
 1. For data availability reasons, chemically recycled plastics (post-consumer) are not included in conversion data.
 2. For data availability reasons, bio-attributed plastics are not included in national data.

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

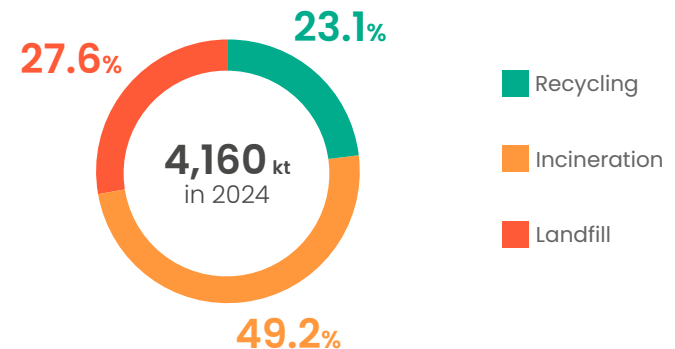
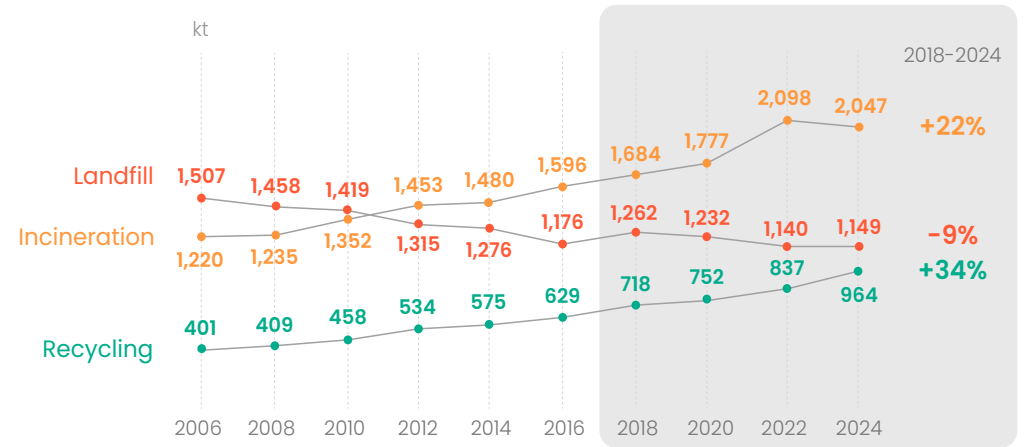


The above data are rounded estimations.
1. Extra and intra EU27 trade.

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



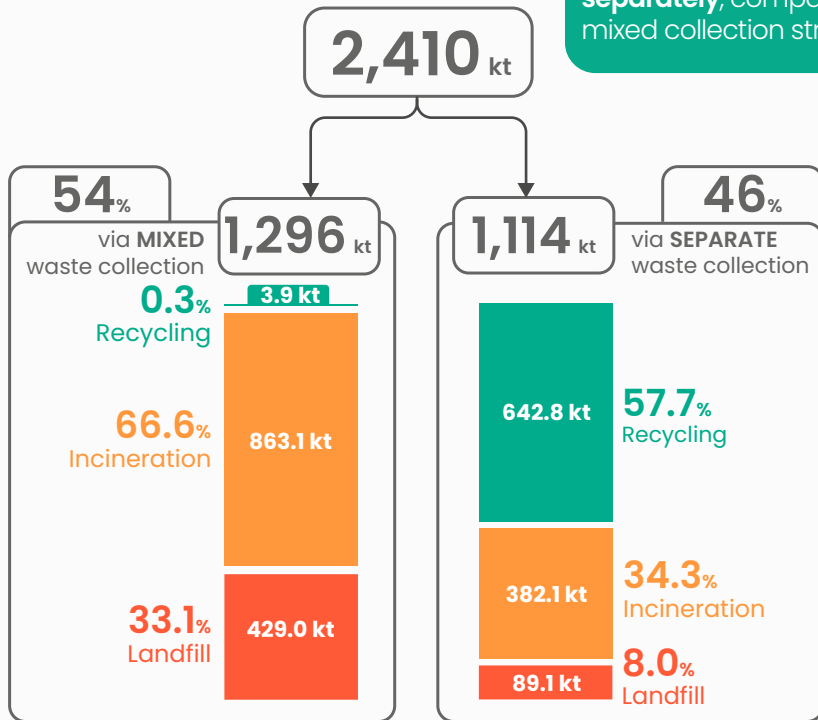
Post-consumer plastic waste treatment evolution
2006-2024, in kt



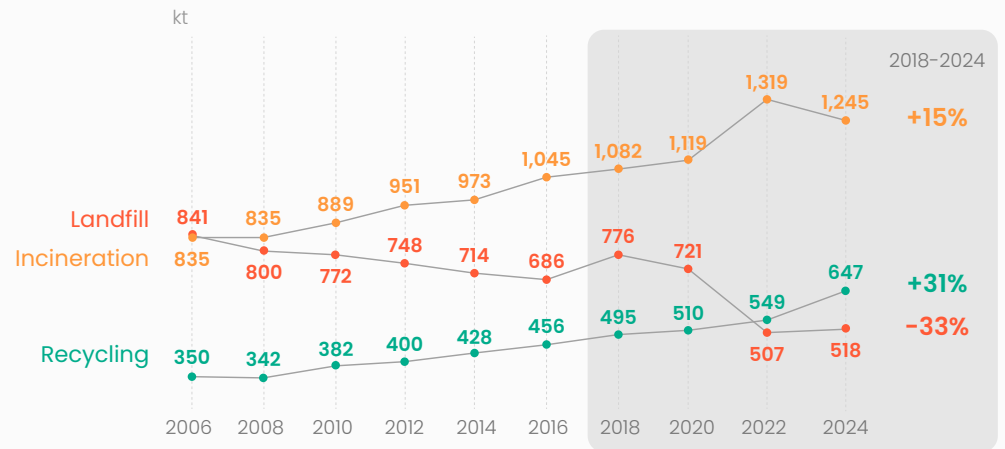
PACKAGING¹

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

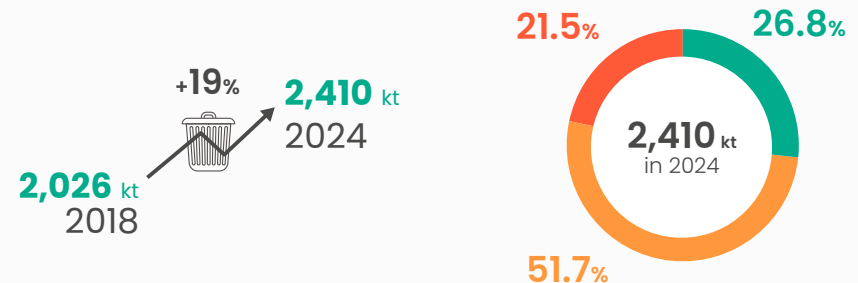
French plastic PACKAGING waste recycling rates are **x190 higher when collected separately**, compared to mixed collection streams.



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

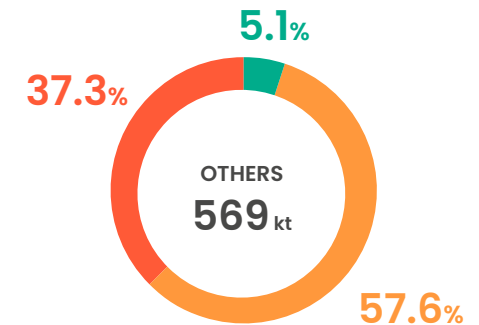
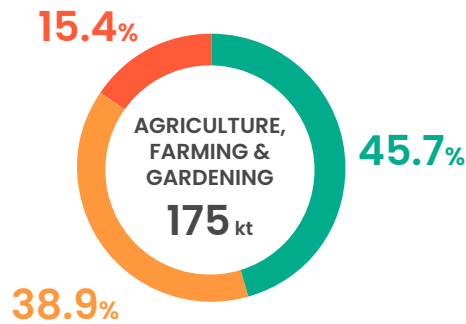
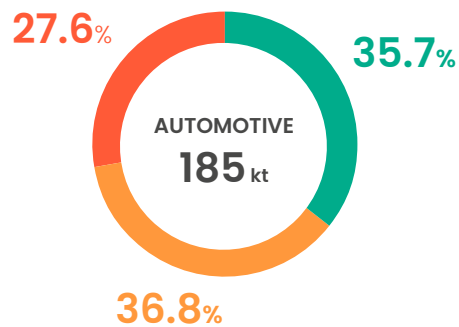
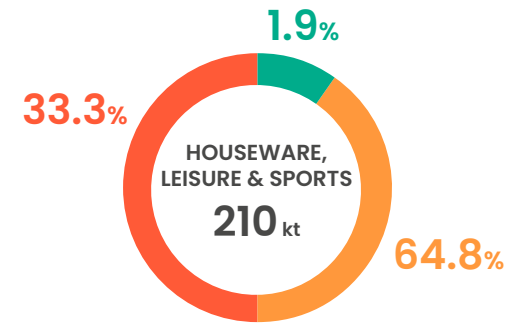
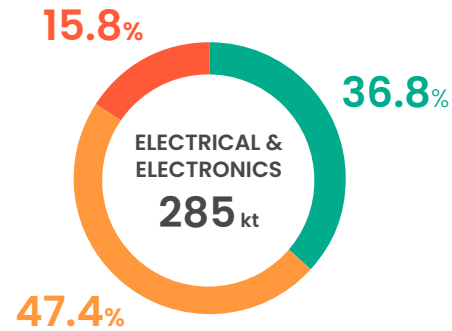
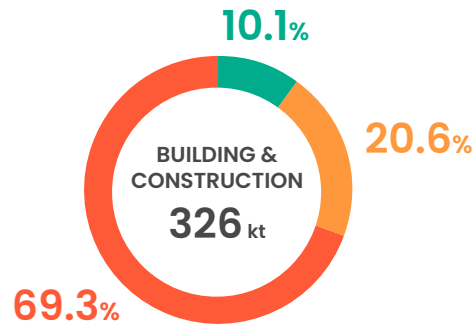


Post-consumer plastic PACKAGING waste collection evolution
2018-2024, in kt

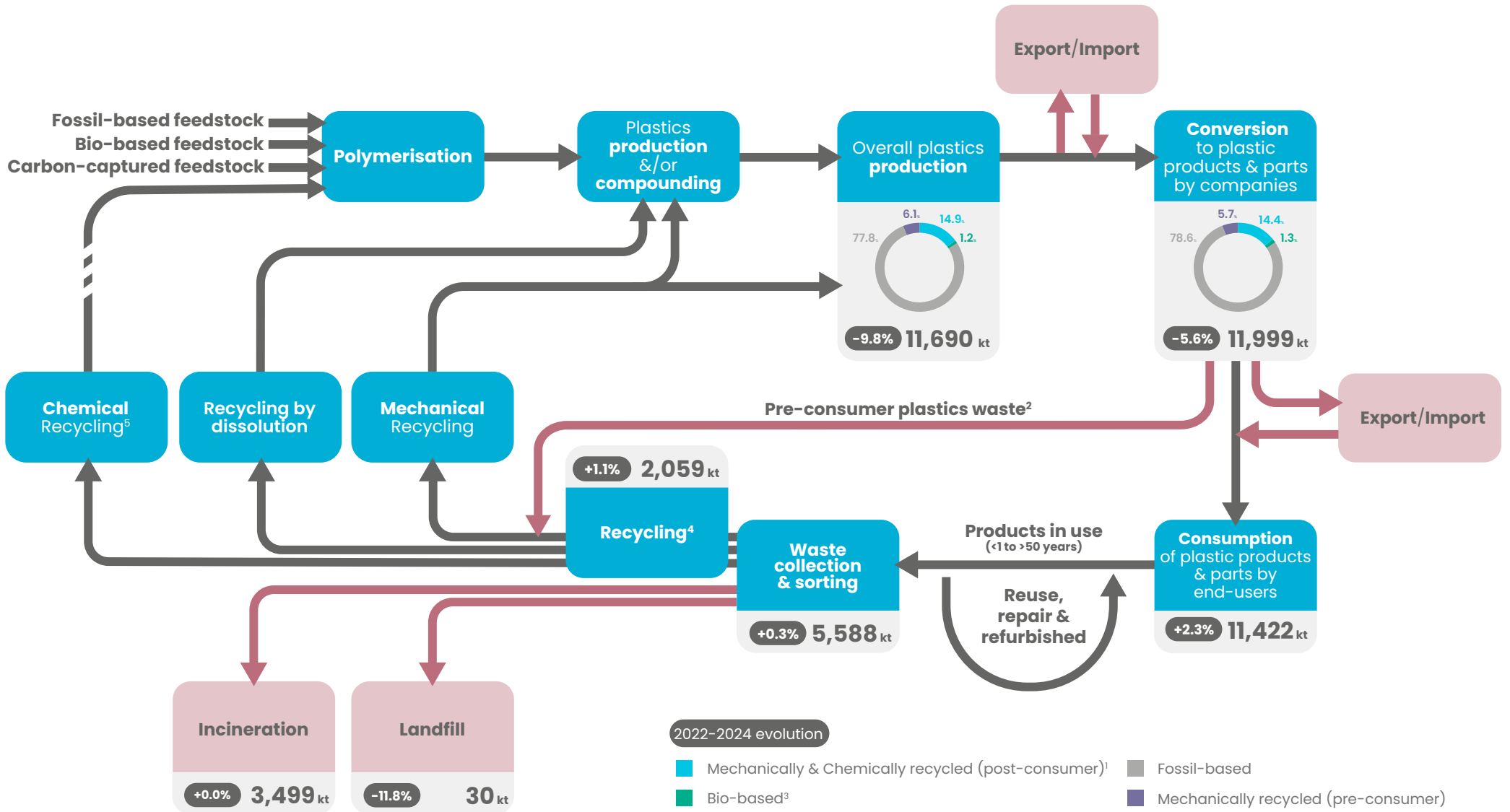


The above data are rounded estimations.
1. From household, industrial, and commercial plastic packaging.

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



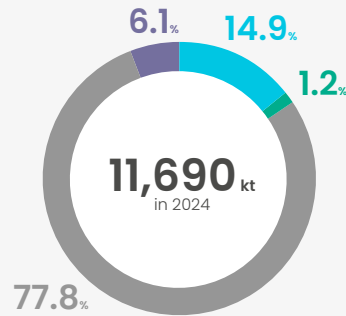
■ Recycling ■ Incineration ■ Landfill



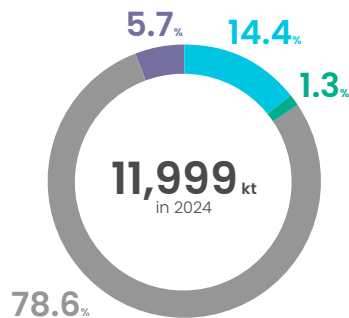
The above data are rounded estimations.

- 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.
- Pre-consumer plastics waste is mainly originating from the plastics conversion activities, and production to a lesser extent.
- For data availability reasons, bio-attributed plastics are not included in national data.
- 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.
- 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.

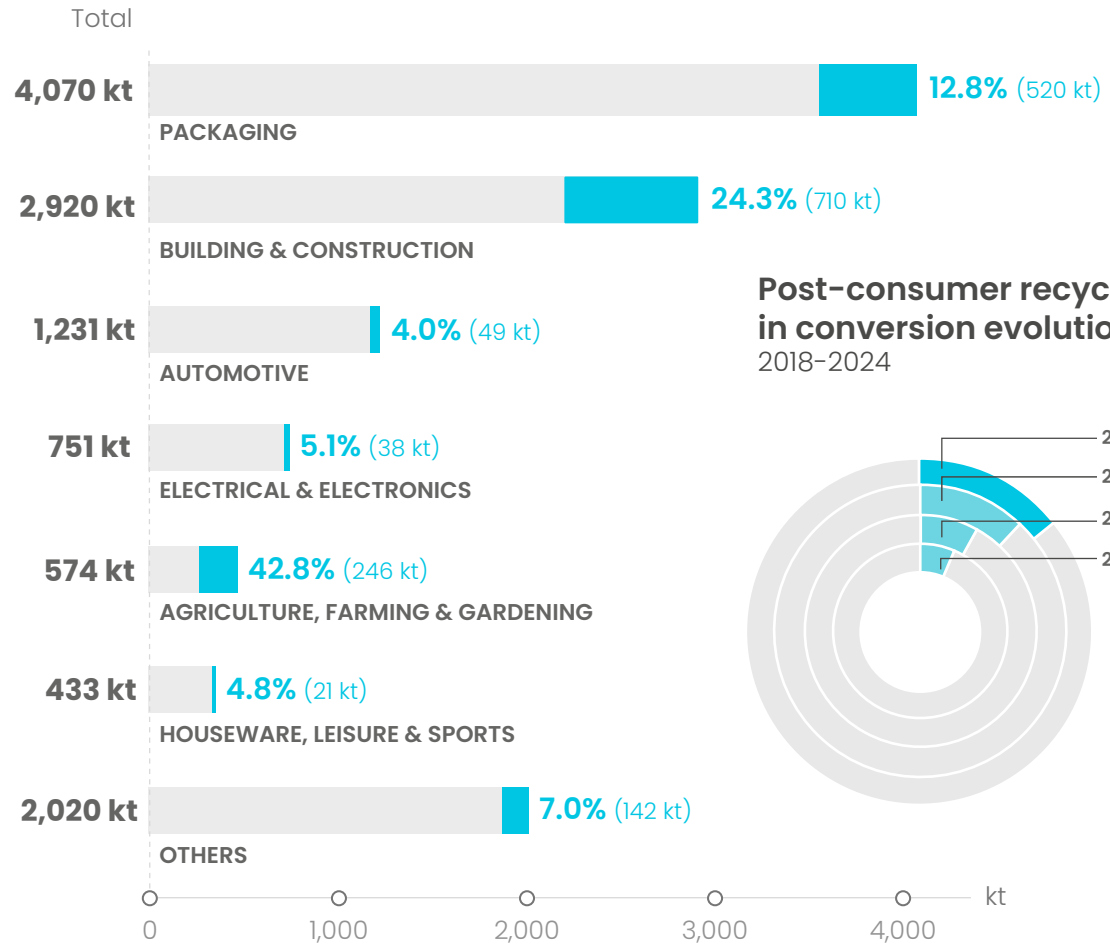
Plastics production
2024, in kt



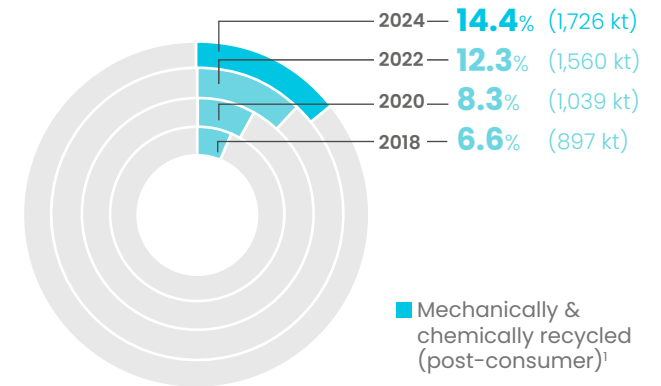
Plastics conversion
2024, in kt



Post-consumer recycled plastics in conversion
2024, in kt



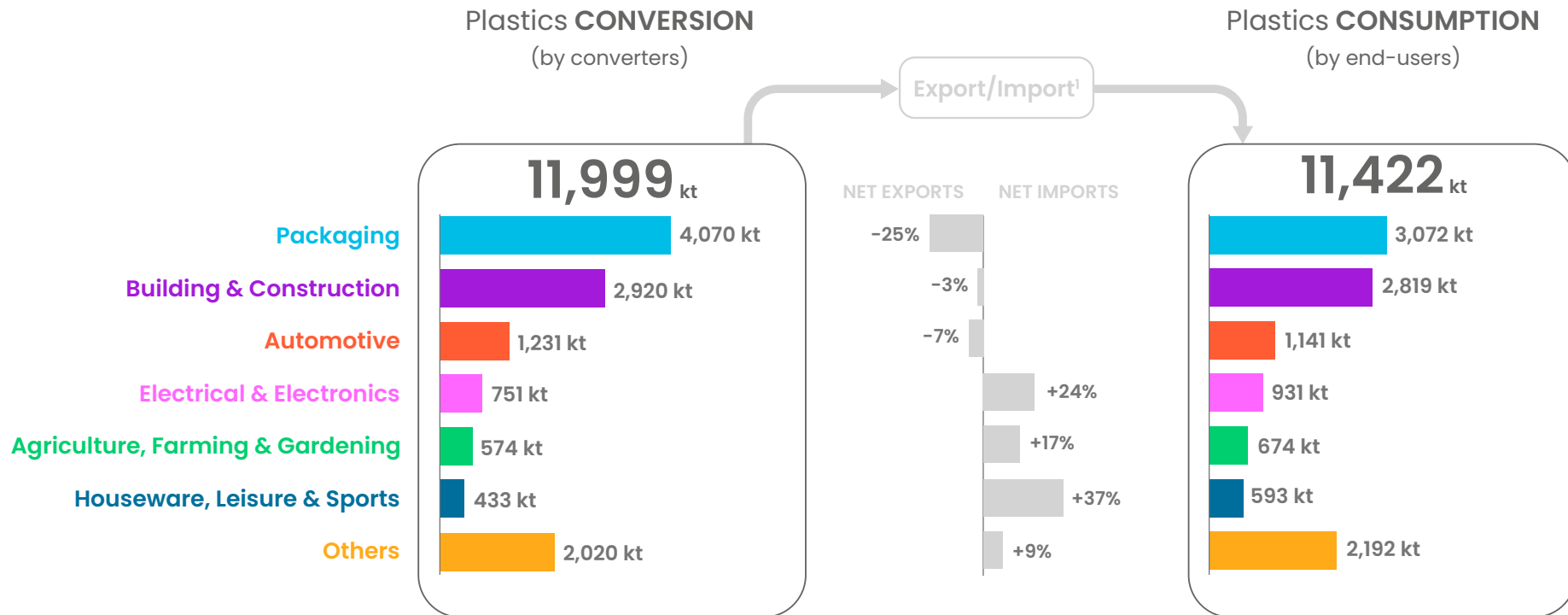
Post-consumer recycled plastics in conversion evolution
2018-2024



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

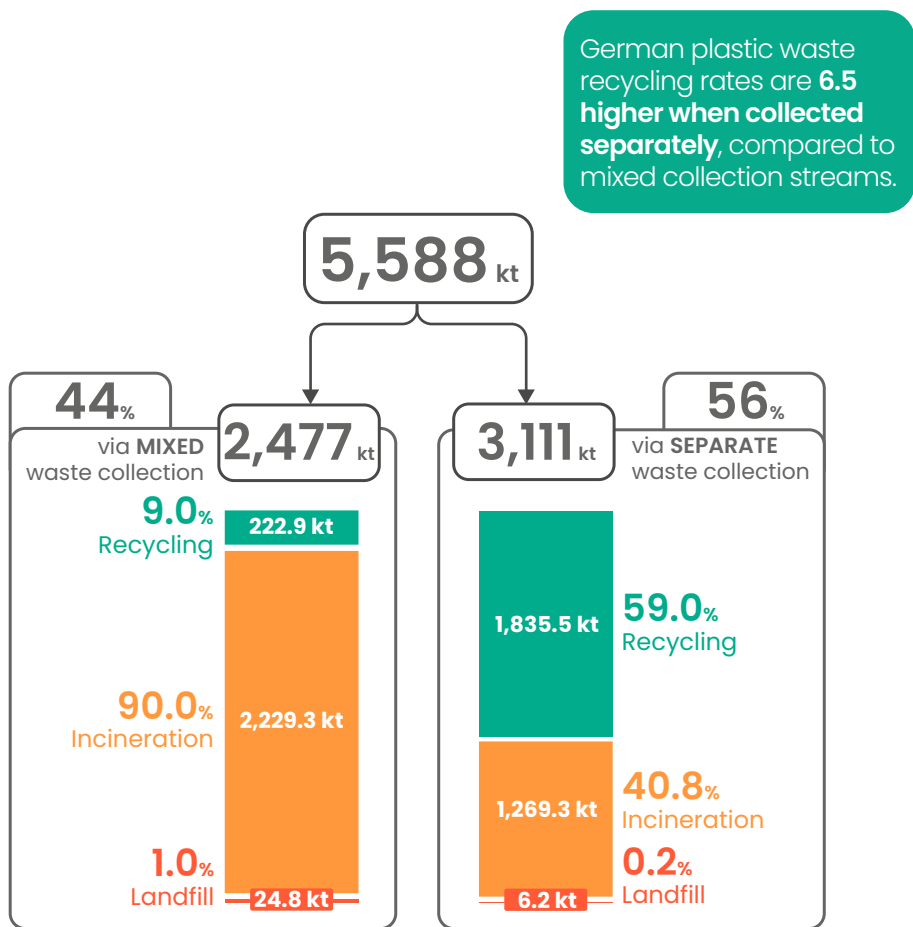
The above data are rounded estimations.
 1. For data availability reasons, chemically recycled plastics (post-consumer) are not included in conversion data.
 2. For data availability reasons, bio-attributed plastics are not included in national data.

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

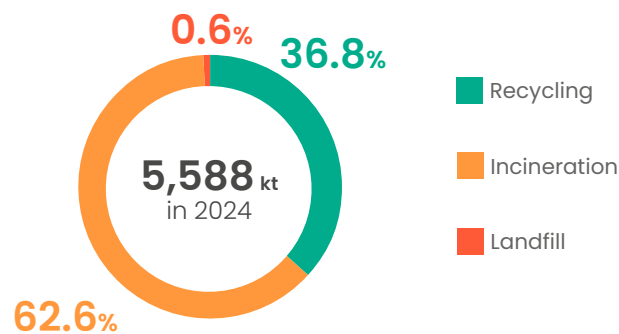
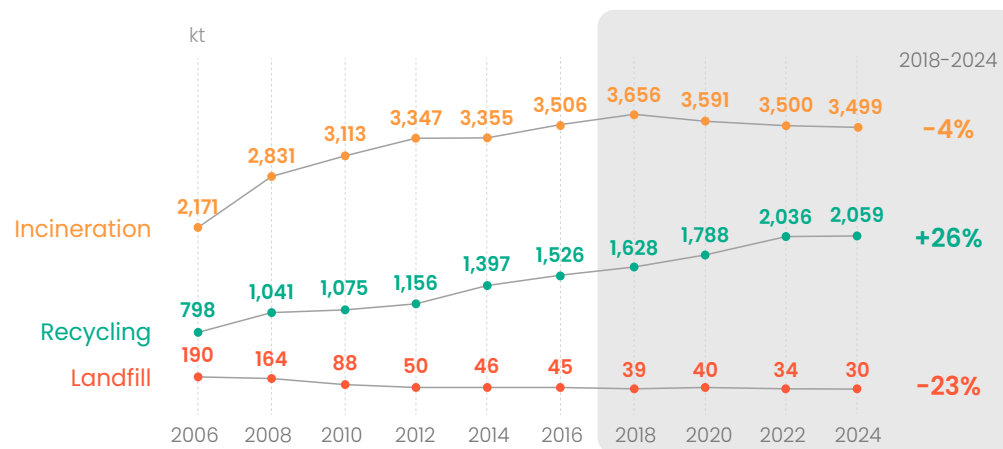


The above data are rounded estimations.
1. Extra and intra EU27 trade.

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



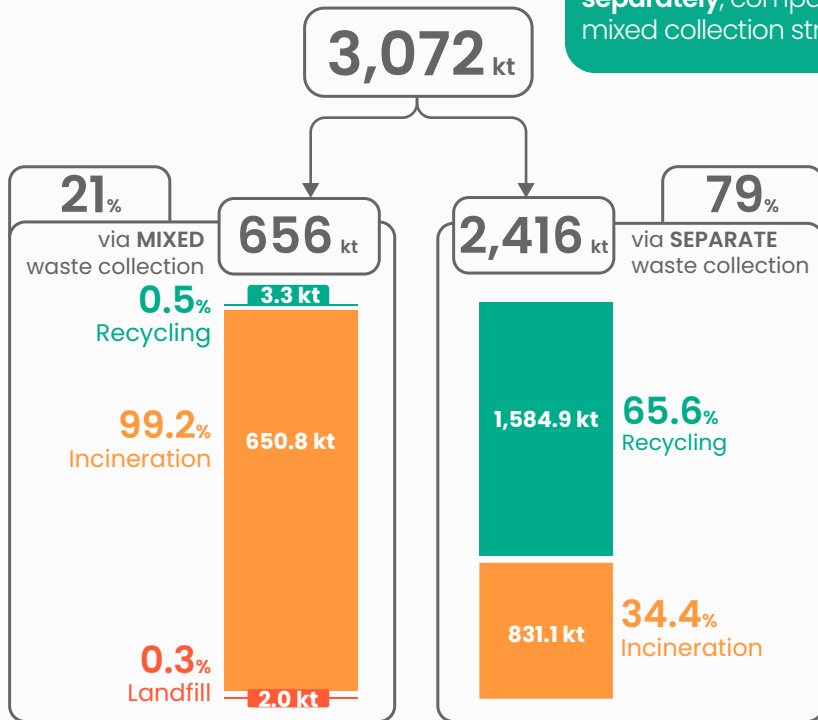
Post-consumer plastic waste treatment evolution 2006-2024, in kt



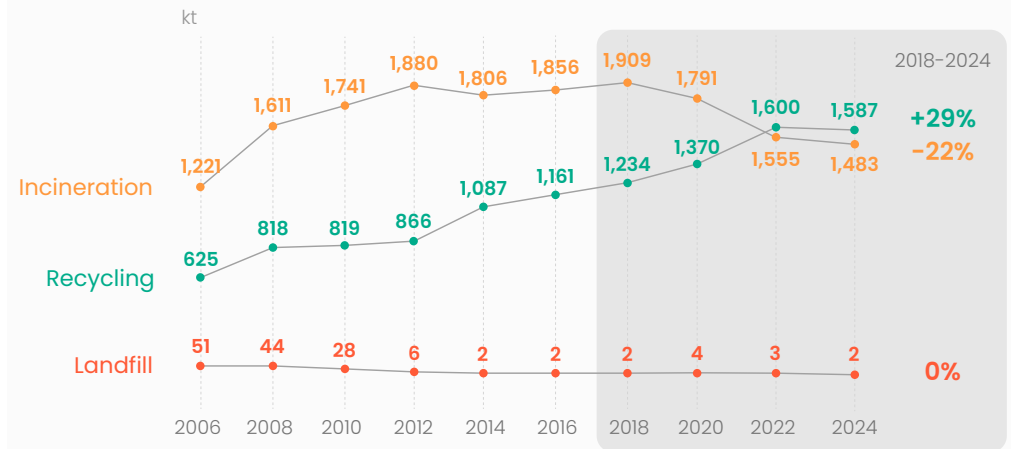
PACKAGING¹

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

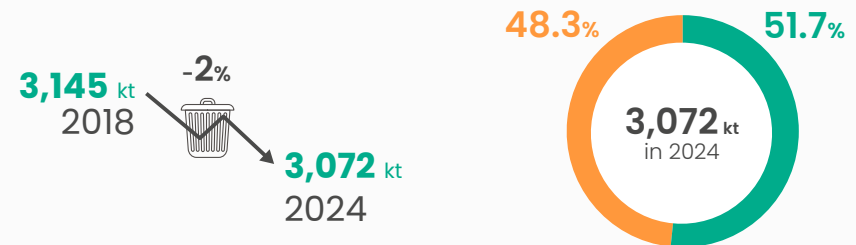
German plastic PACKAGING waste recycling rates are **130 higher when collected separately**, compared to mixed collection streams.



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

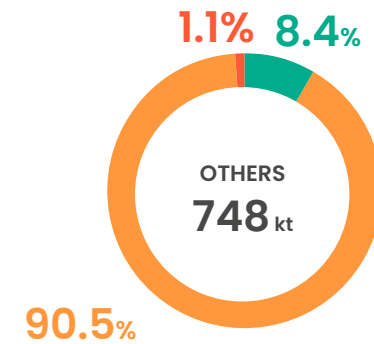
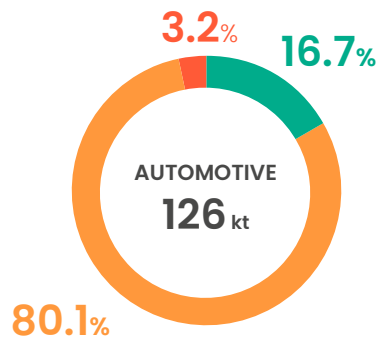
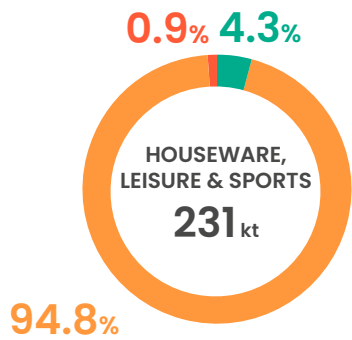
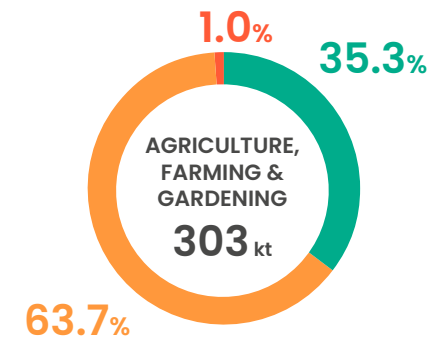
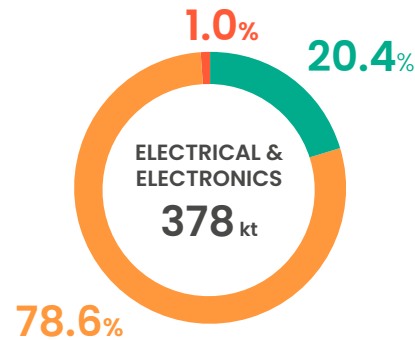
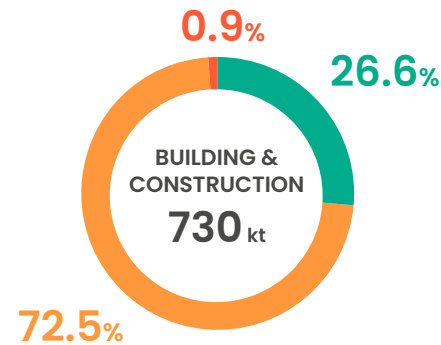


Post-consumer plastic PACKAGING waste collection evolution
2018-2024, in kt

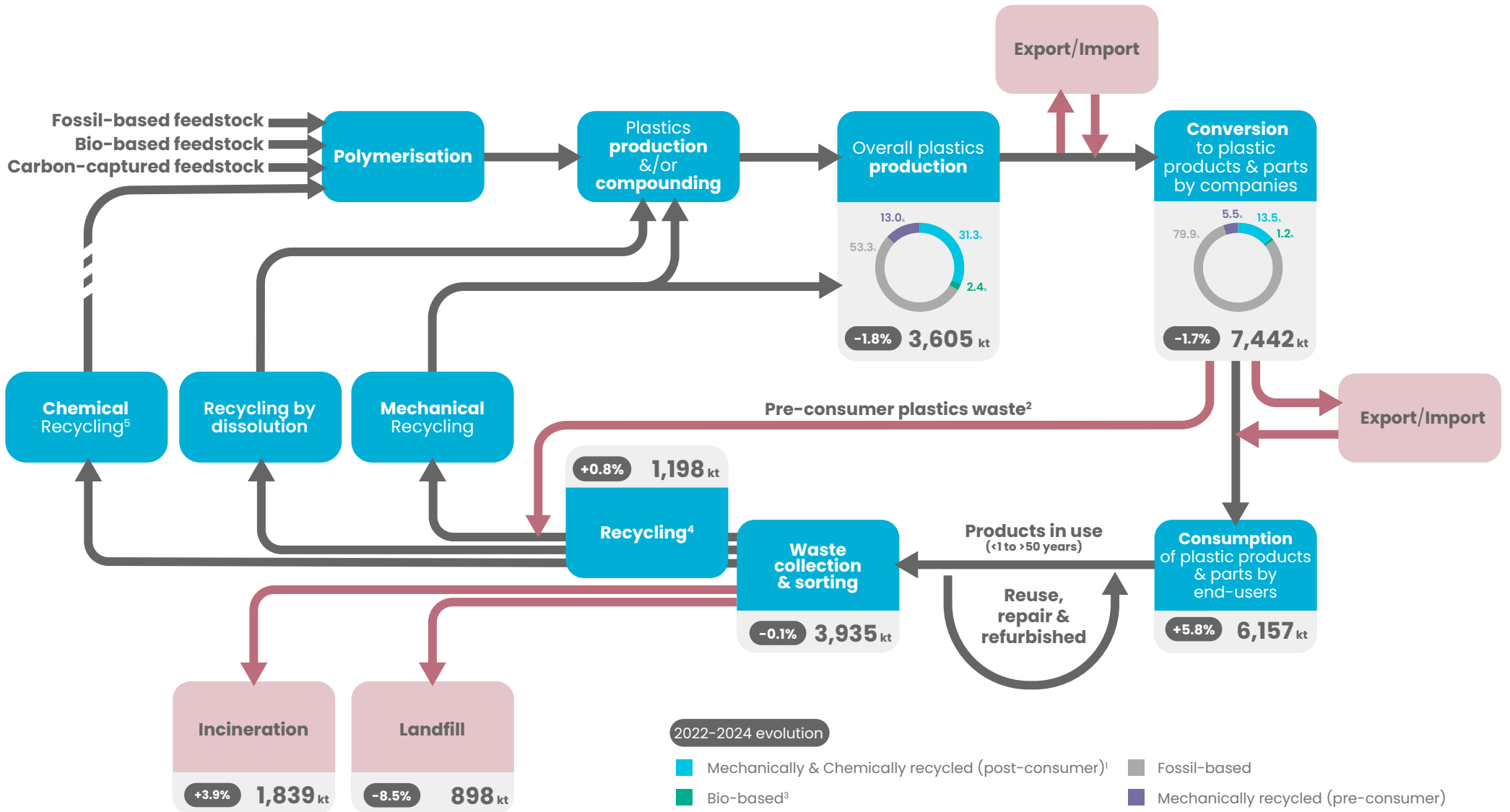


The above data are rounded estimations.
 1. From household, industrial, and commercial plastic packaging.

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



■ Recycling ■ Incineration ■ Landfill



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.

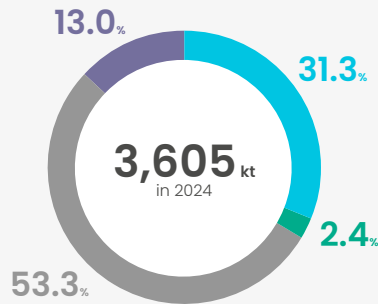
3. For data availability reasons, bio-attributed plastics are not included in national data.

4. Including 151 kt recycling of Italian plastics waste abroad (intra-EU27+3 included). Italian plastics waste export surplus for intra and extra EU27+3: 180 kt estimated import in 2024, and 190 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.

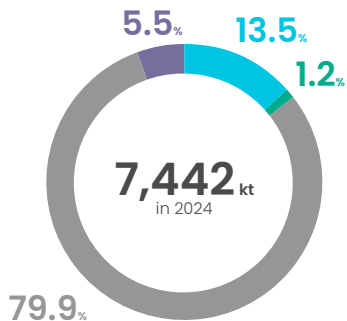
Plastics production

2024, in kt



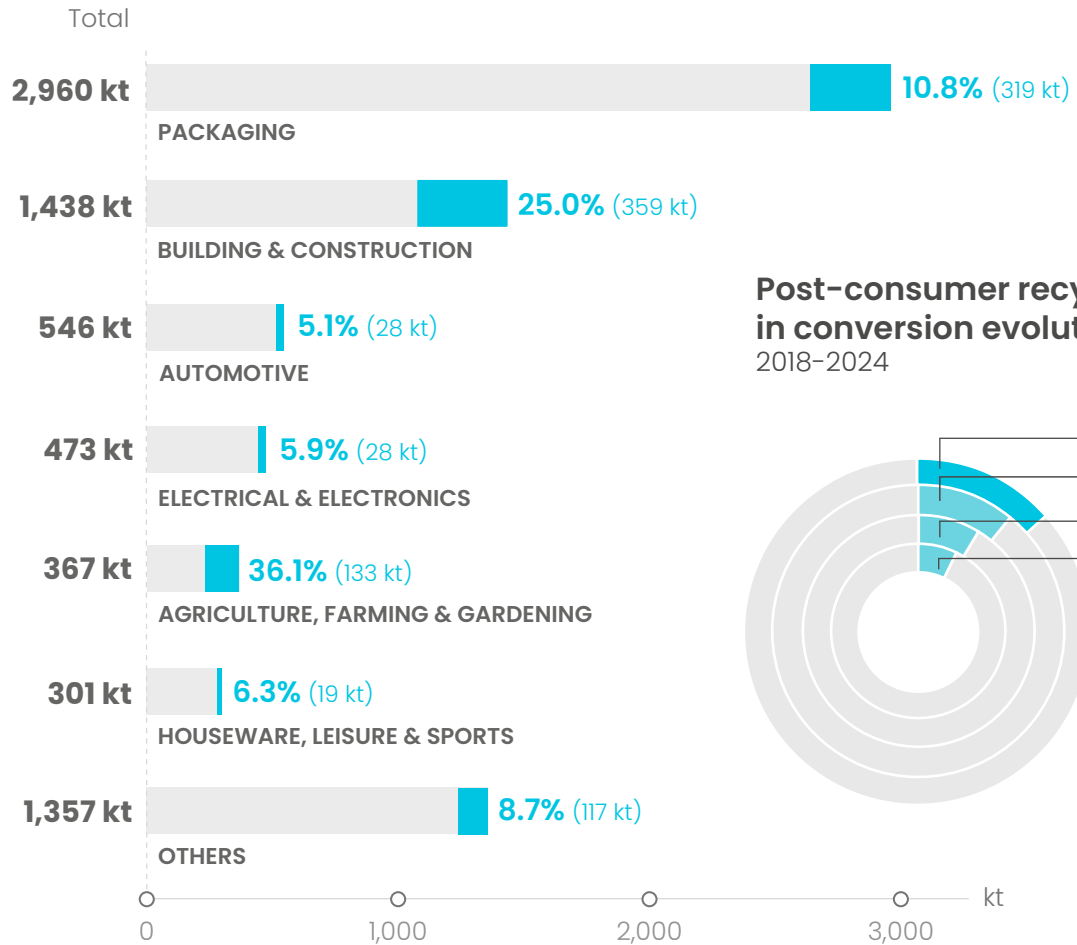
Plastics conversion

2024, in kt



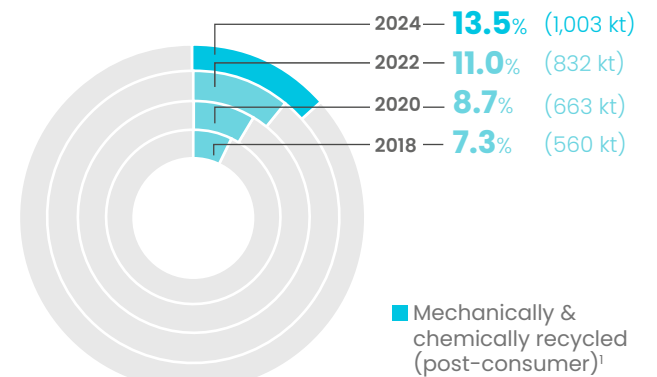
Post-consumer recycled plastics in conversion

2024, in kt



Post-consumer recycled plastics in conversion evolution

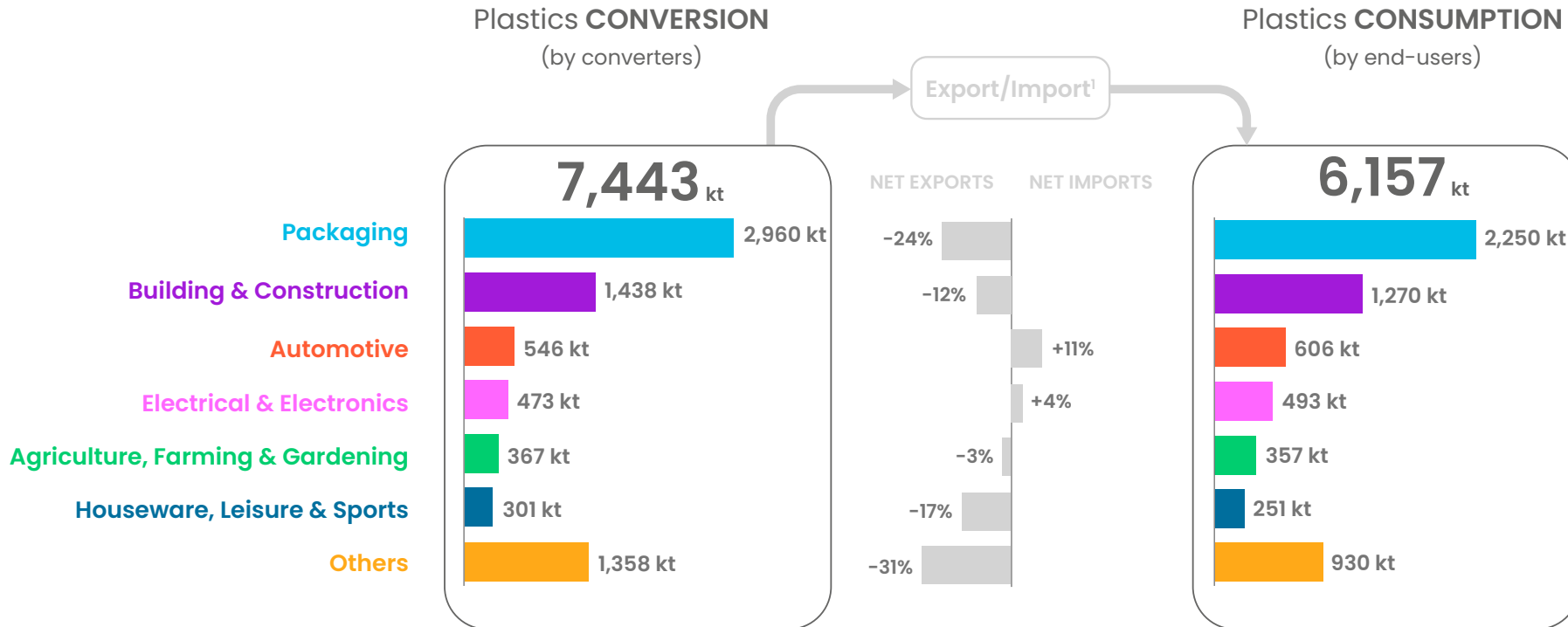
2018-2024



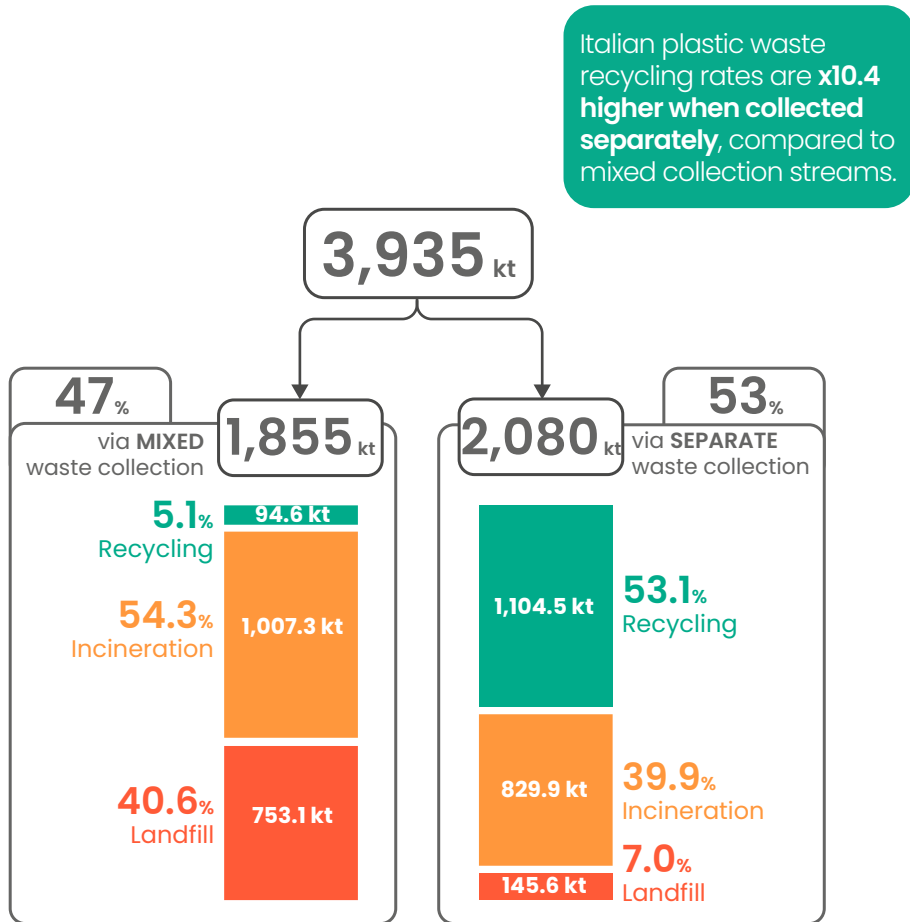
- Mechanically & chemically recycled (post-consumer)¹
- Bio-based²
- Fossil-based
- Mechanically recycled (pre-consumer)

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.

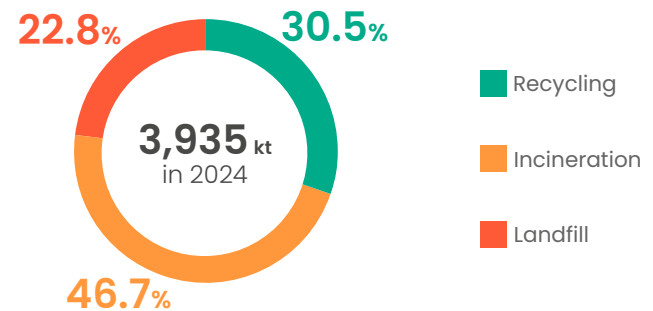
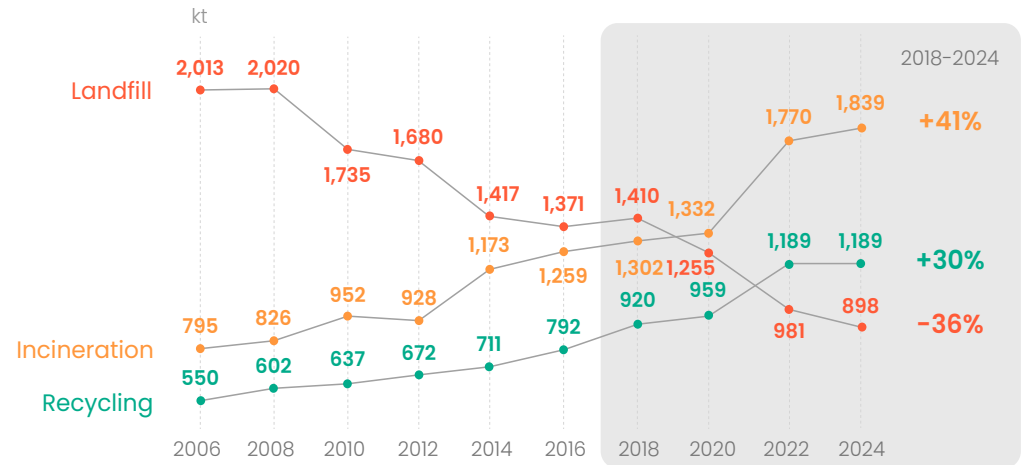
Plastic products conversion, trade and national consumption
2024, in kt



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



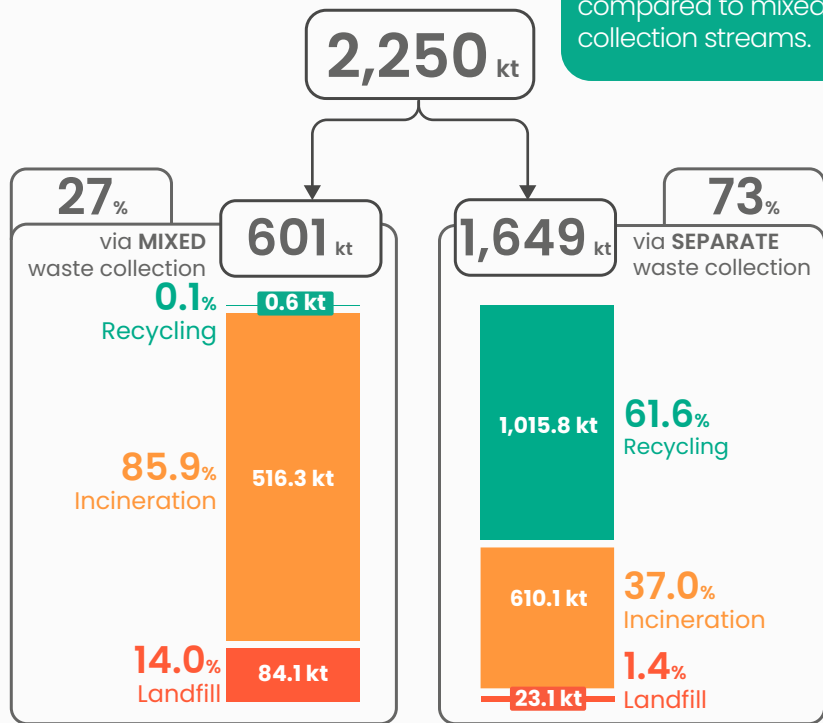
Post-consumer plastic waste treatment evolution
2006-2024, in kt



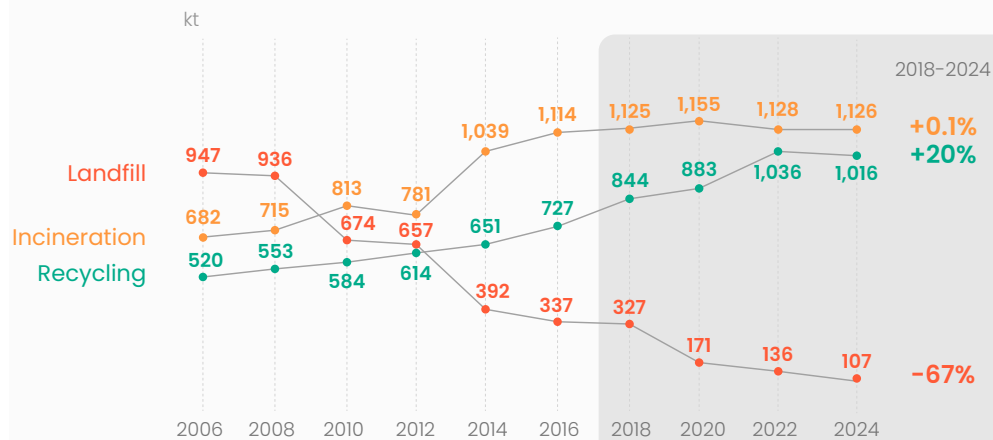
PACKAGING¹

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

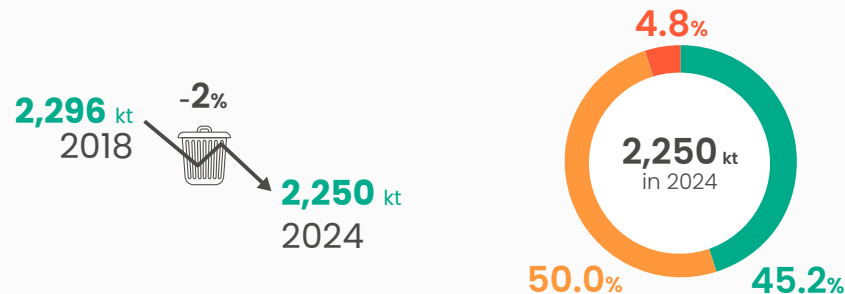
Italian plastic PACKAGING waste recycling rates are **x616 higher** when collected separately, compared to mixed collection streams.



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

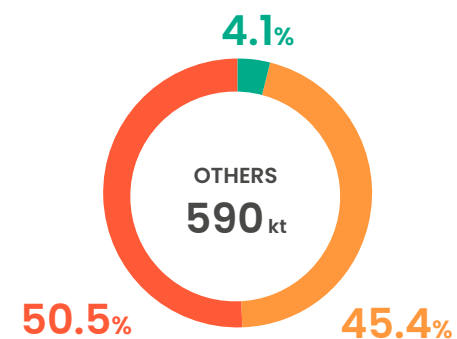
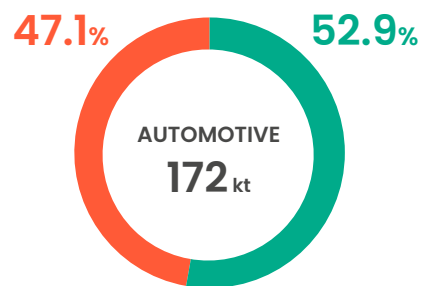
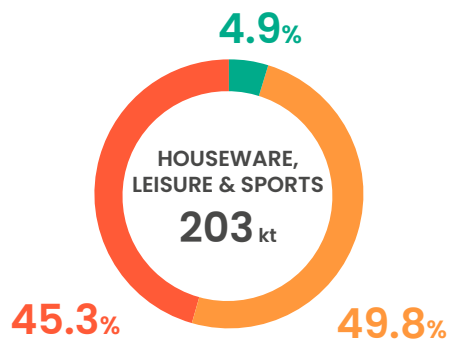
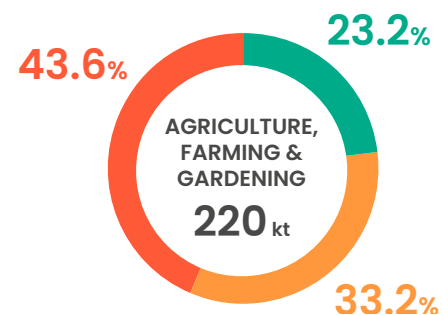
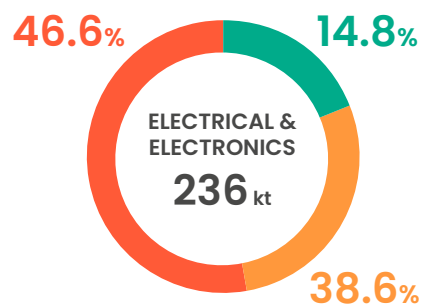
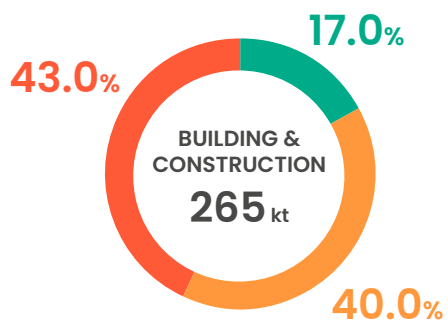


Post-consumer plastic PACKAGING waste collection evolution
2018-2024, in kt

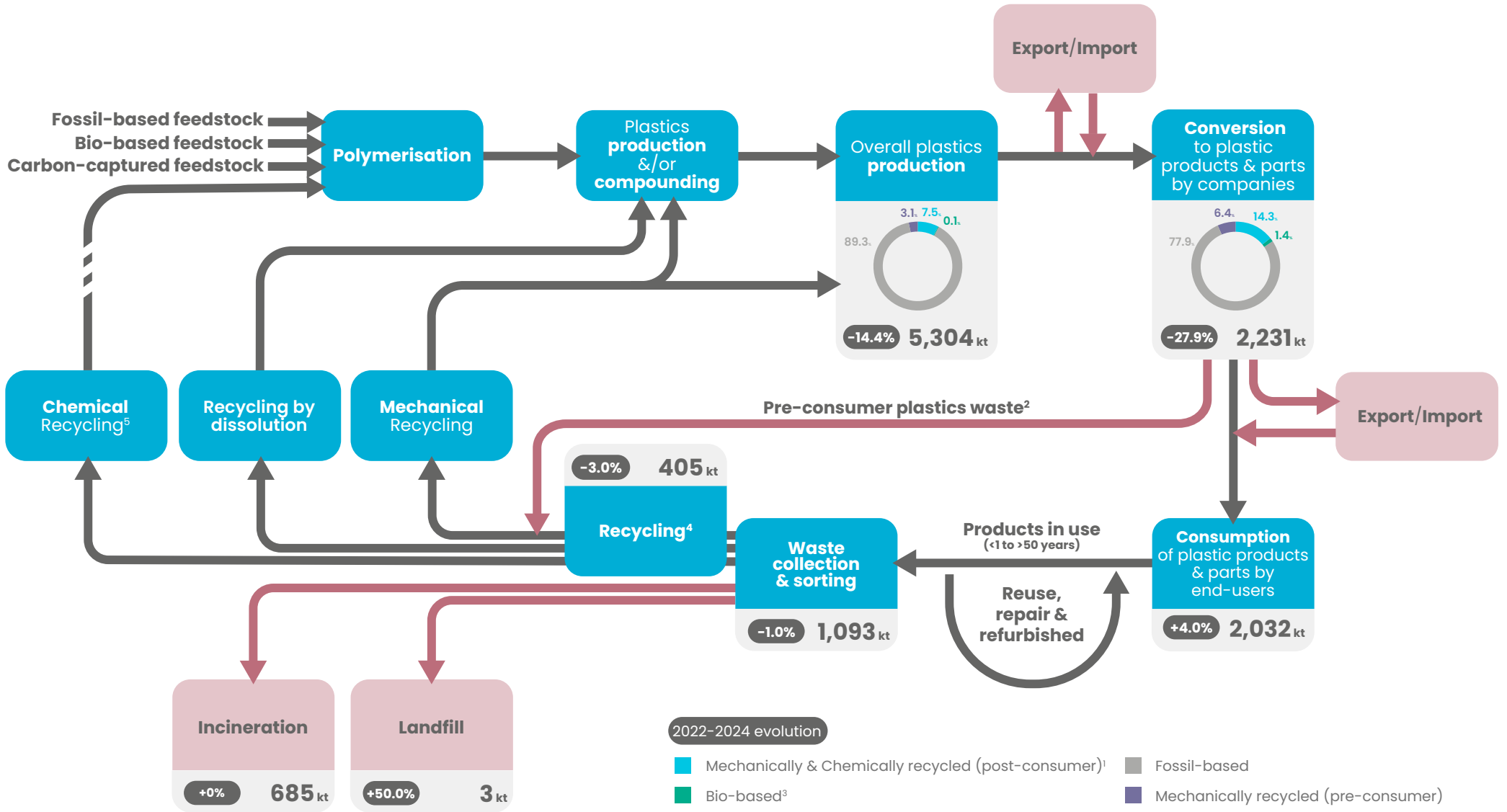


The above data are rounded estimations.
1. From household, industrial, and commercial plastic packaging.

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



■ Recycling ■ Incineration ■ Landfill



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.

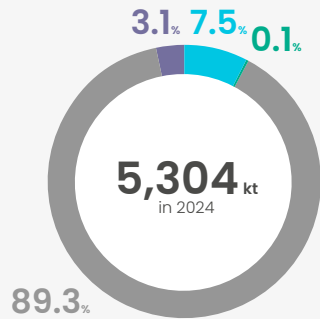
3. For data availability reasons, bio-attributed plastics are not included in national data.

4. Including 296 kt recycling of Dutch plastics waste abroad (intra-EU27+3 included). Dutch plastics waste import surplus for intra and extra EU27+3: 399 kt estimated import in 2024, and 363 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.

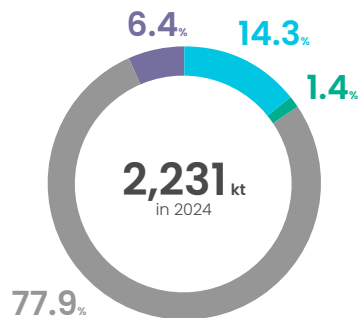
Plastics production

2024, in kt



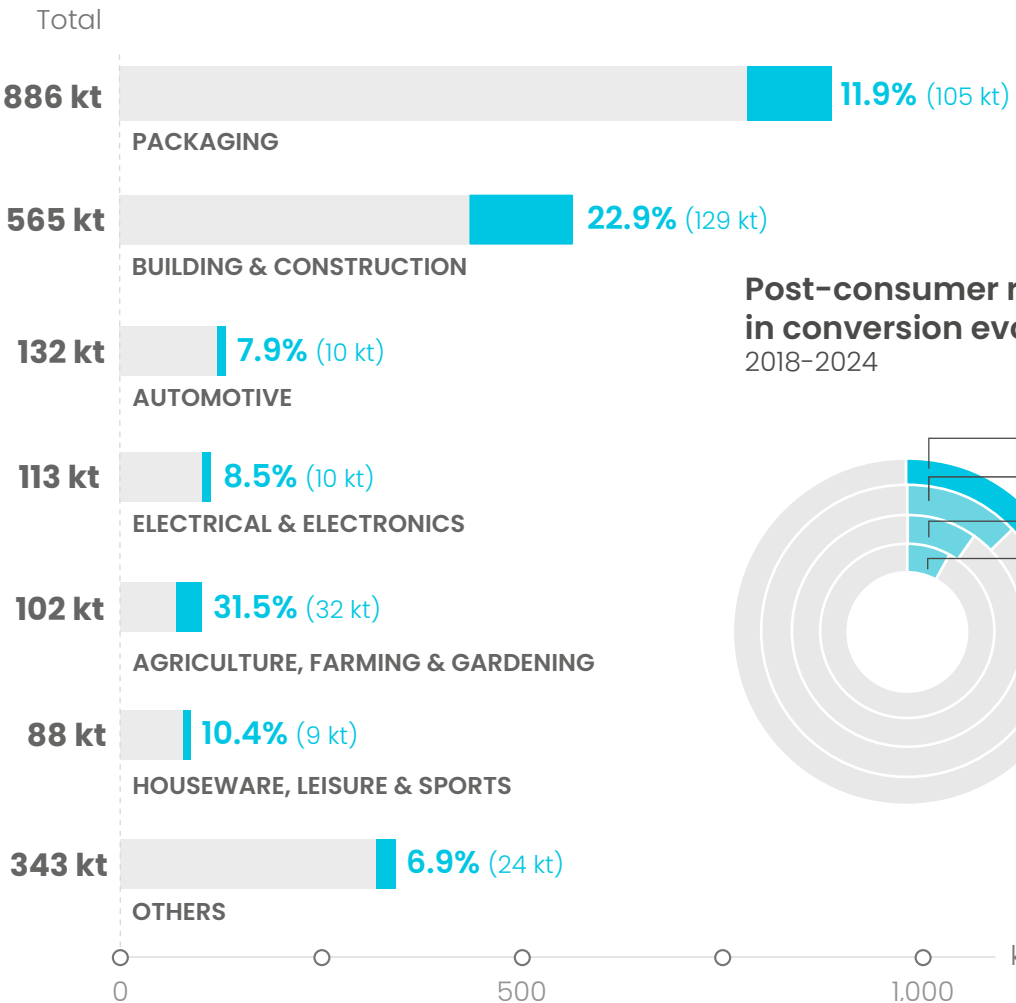
Plastics conversion

2024, in kt



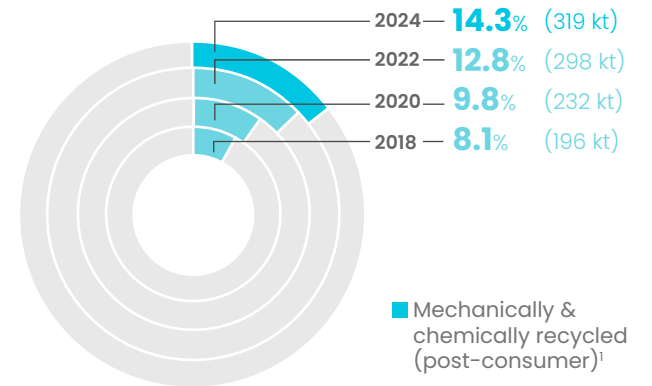
Post-consumer recycled plastics in conversion

2024, in kt



Post-consumer recycled plastics in conversion evolution

2018-2024



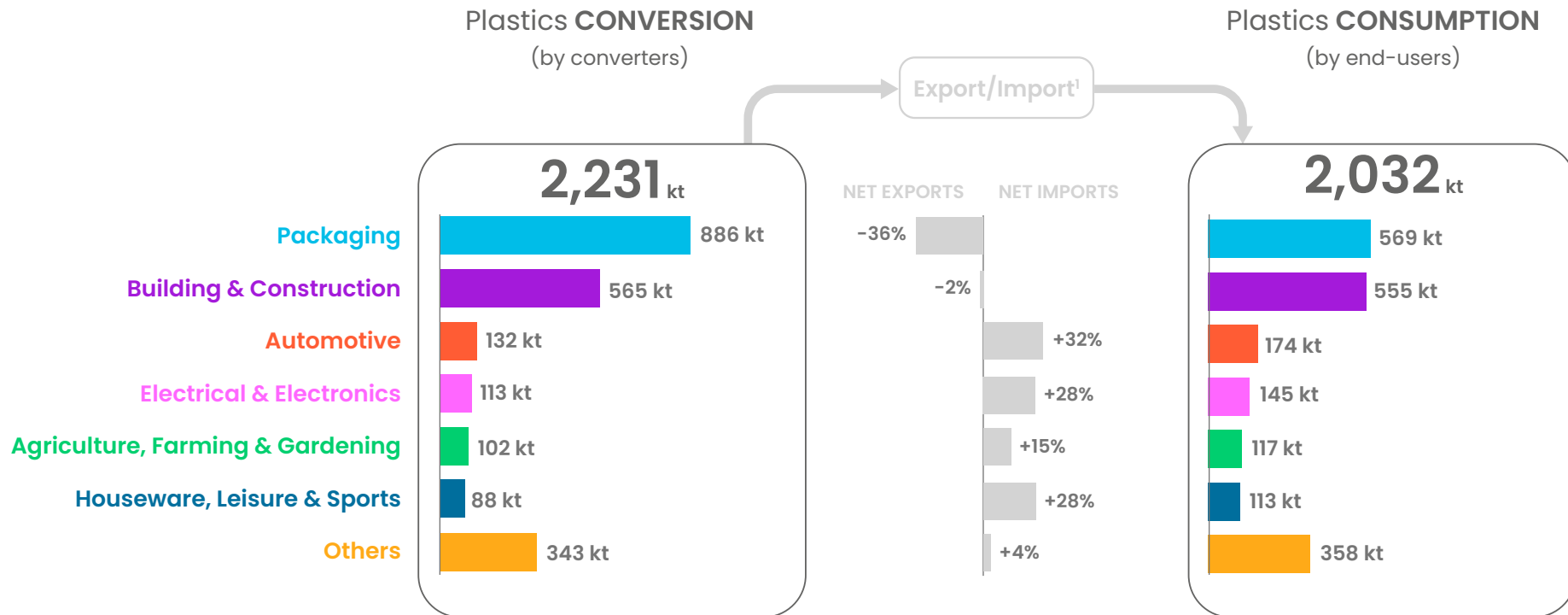
- Mechanically & chemically recycled (post-consumer)¹
- Bio-based²
- Fossil-based
- Mechanically recycled (pre-consumer)

The above data are rounded estimations.

1. For data availability reasons, chemically recycled plastics (post-consumer) are not included in conversion data.

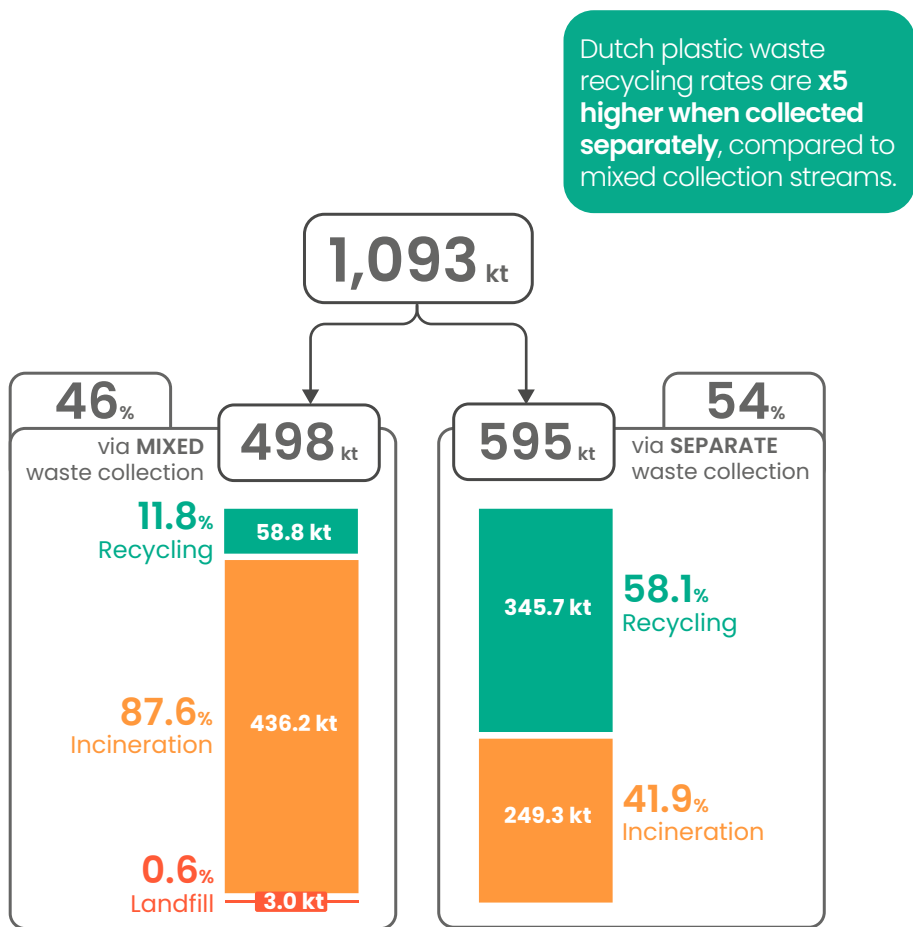
2. For data availability reasons, bio-attributed plastics are not included in national data.

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

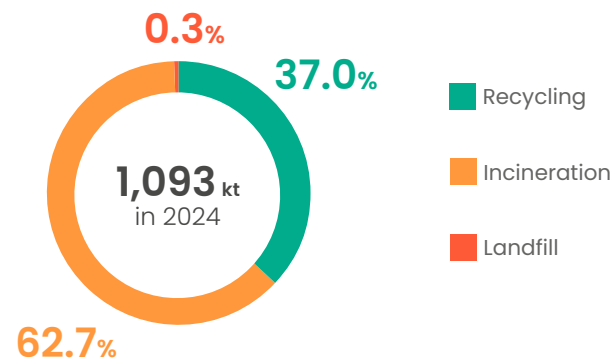
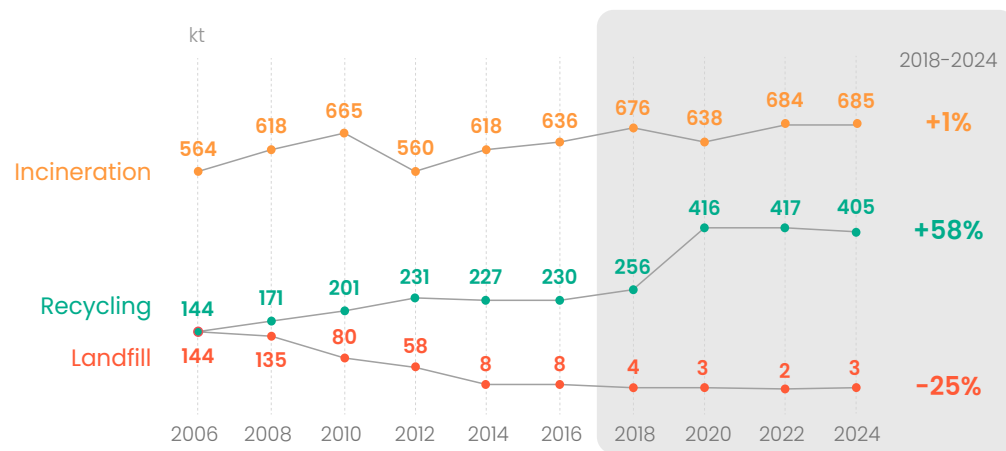


The above data are rounded estimations.
1. Extra and intra EU27 trade.

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



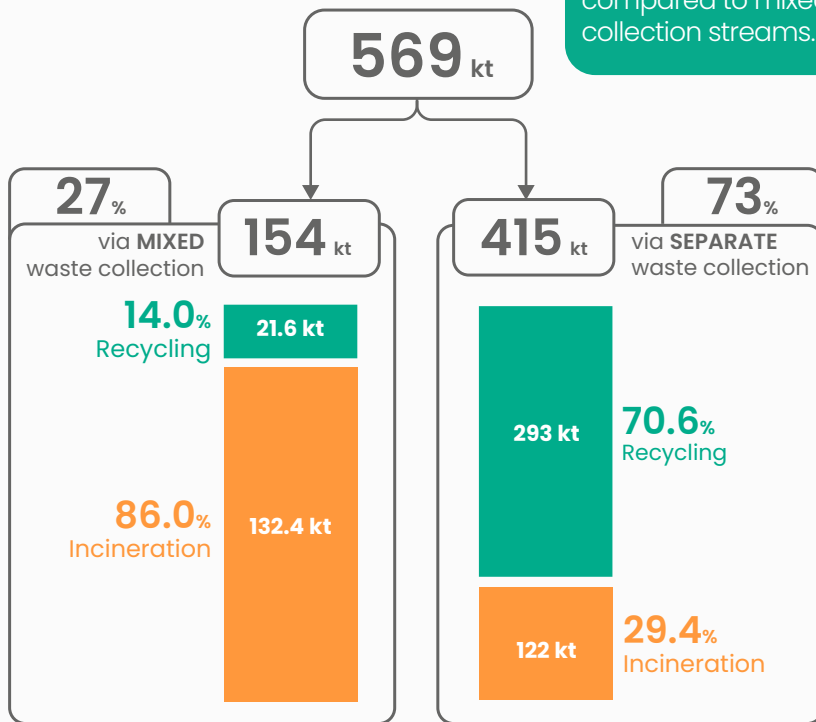
Post-consumer plastic waste treatment evolution 2006-2024, in kt



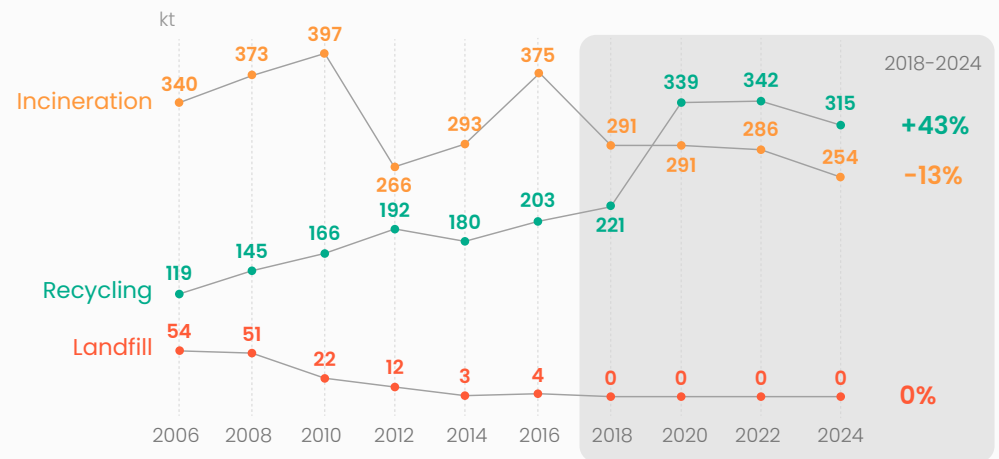
PACKAGING¹

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

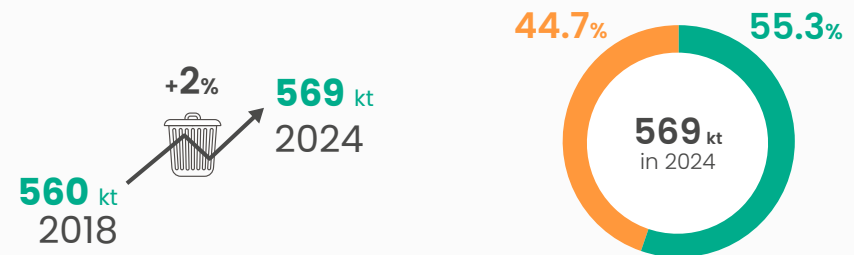
Dutch plastic PACKAGING waste recycling rates are **x5 higher when collected separately**, compared to mixed collection streams.



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



Post-consumer plastic PACKAGING waste collection evolution 2018-2024, in kt

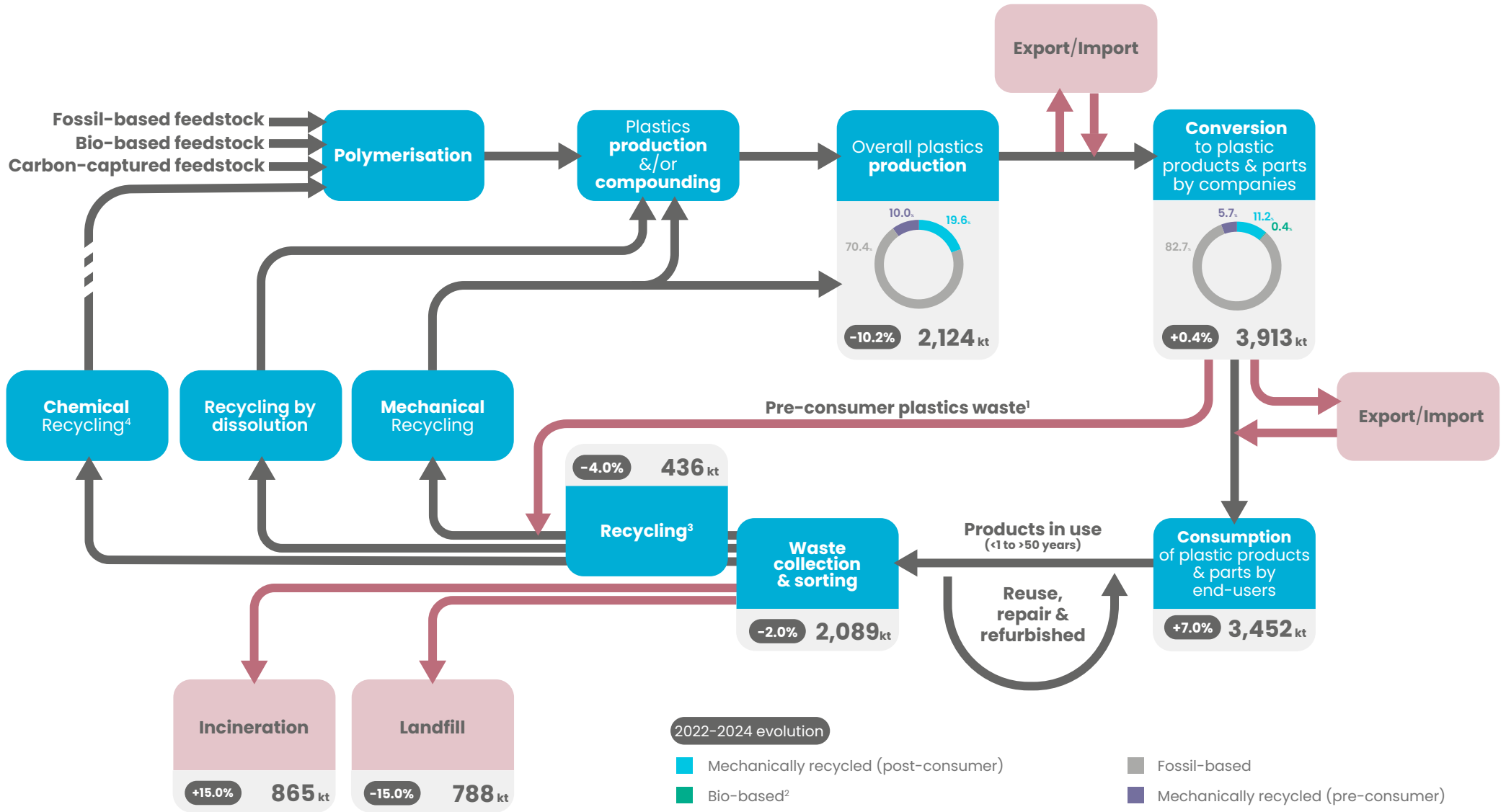


The above data are rounded estimations.
1. From household, industrial, and commercial plastic packaging.

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



The above data are rounded estimations.



The above data are rounded estimations.

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

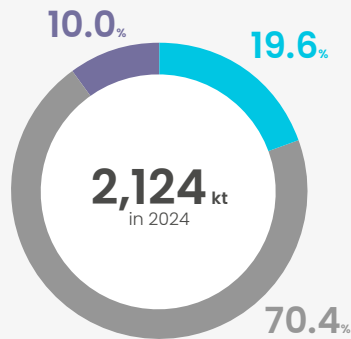
2. For data availability reasons, bio-attributed plastics are not included in national data.

3. Including 105 kt recycling of Polish plastics waste abroad (intra-EU27+3 included). Polish plastics waste import surplus for intra and extra EU27+3: 136 kt estimated import in 2024, and 134 kt estimated plastics waste export.

4. 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.

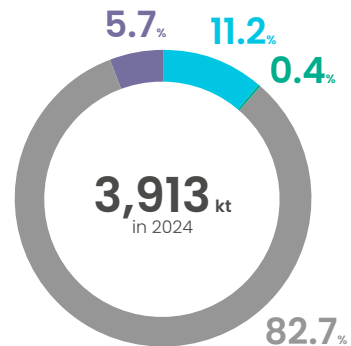
Plastics production

2024, in kt



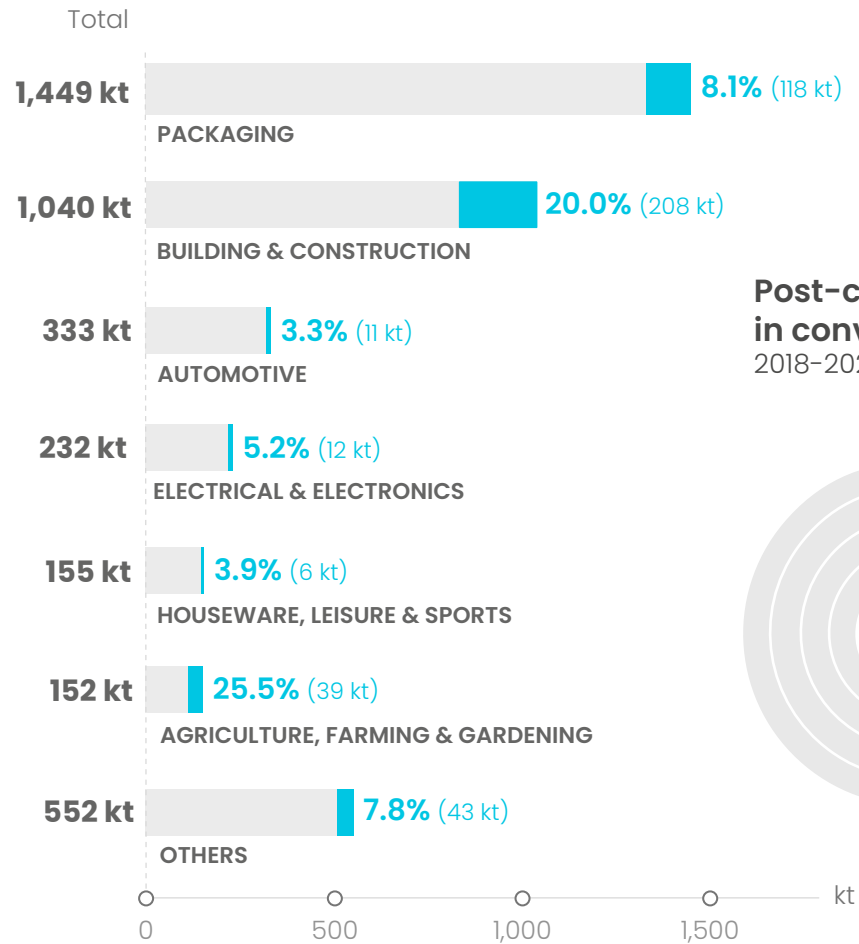
Plastics conversion

2024, in kt



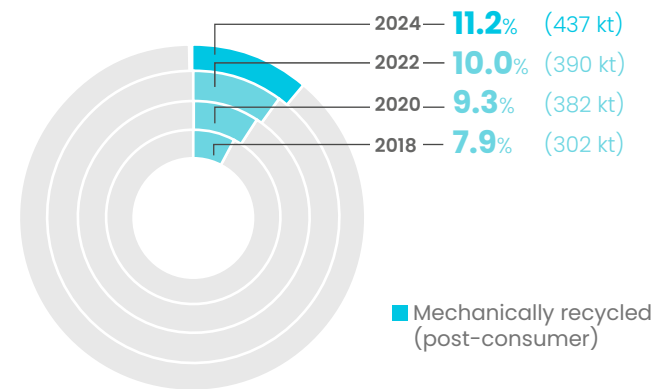
Post-consumer recycled plastics in conversion

2024, in kt



Post-consumer recycled plastics in conversion evolution

2018-2024

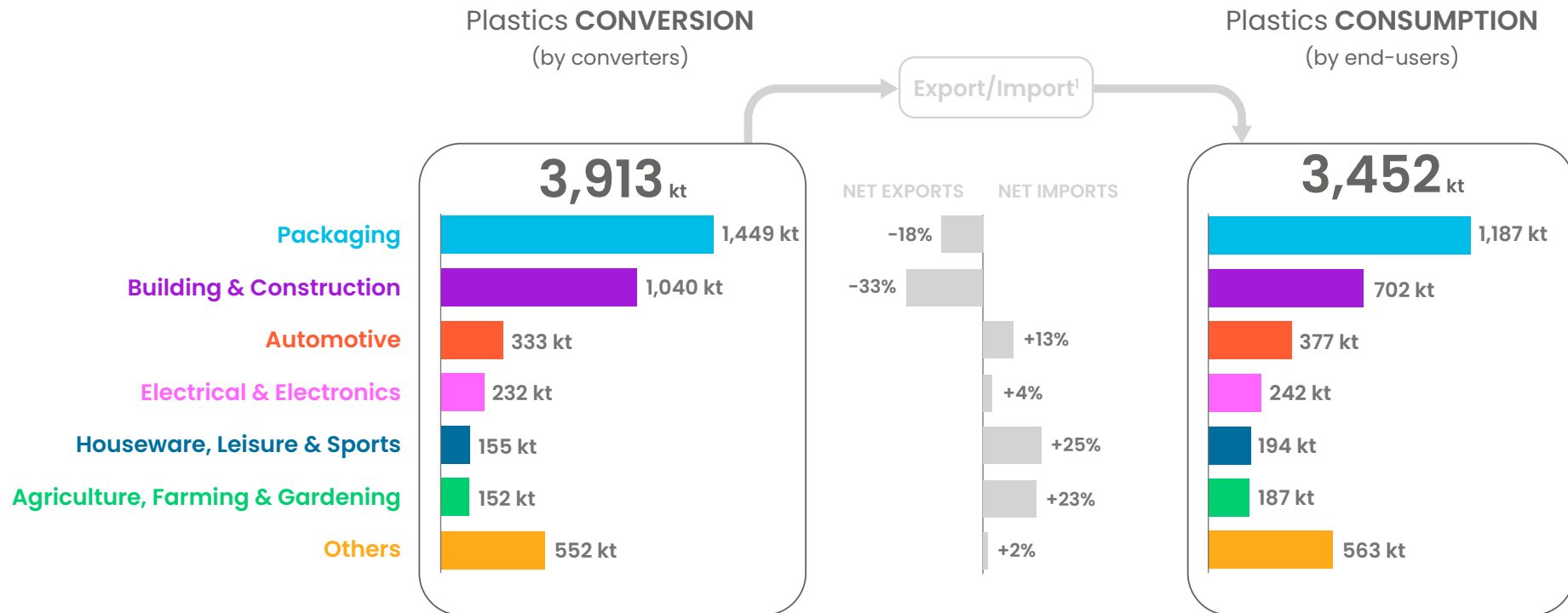


- Mechanically recycled (post-consumer)
- Bio-based¹
- Fossil-based
- Mechanically recycled (pre-consumer)

The above data are rounded estimations.

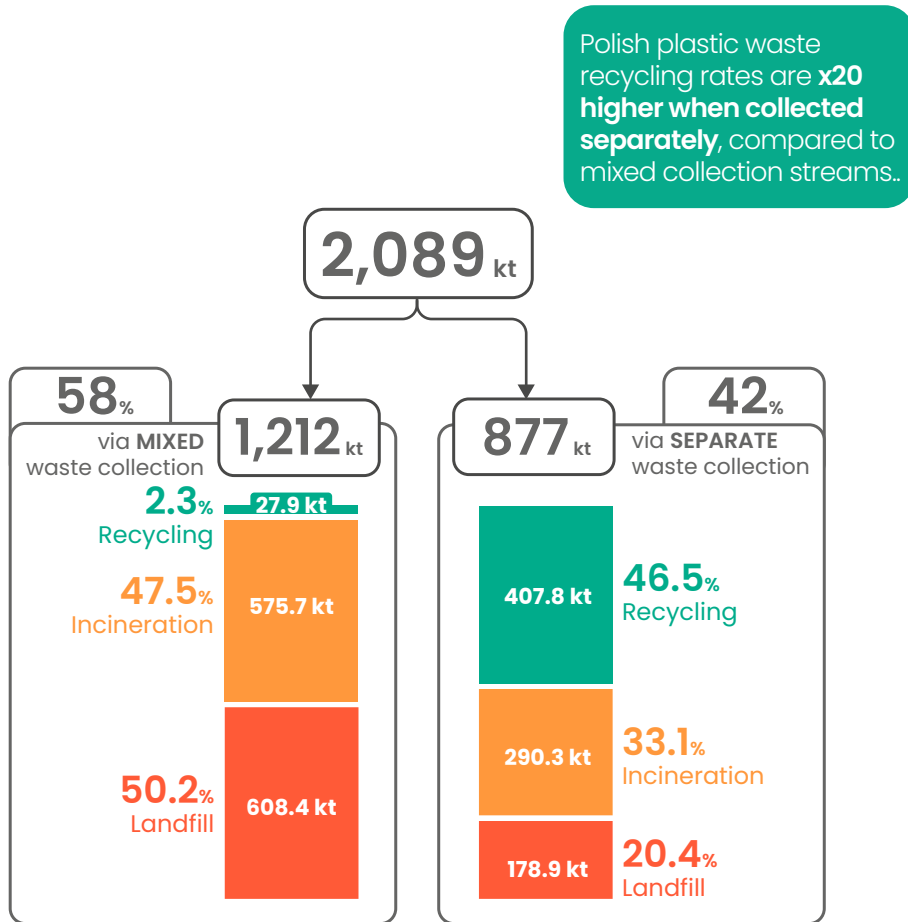
¹ For data availability reasons, bio-attributed plastics are not included in national data.

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

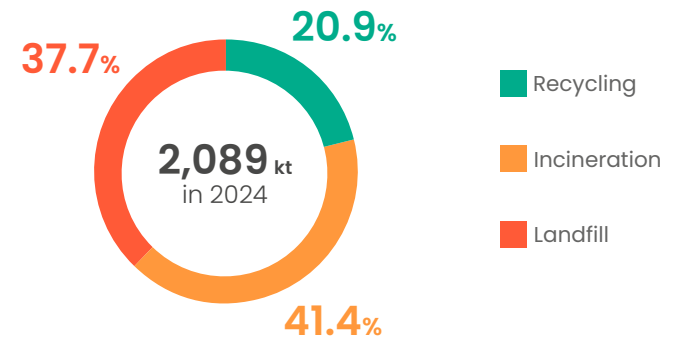
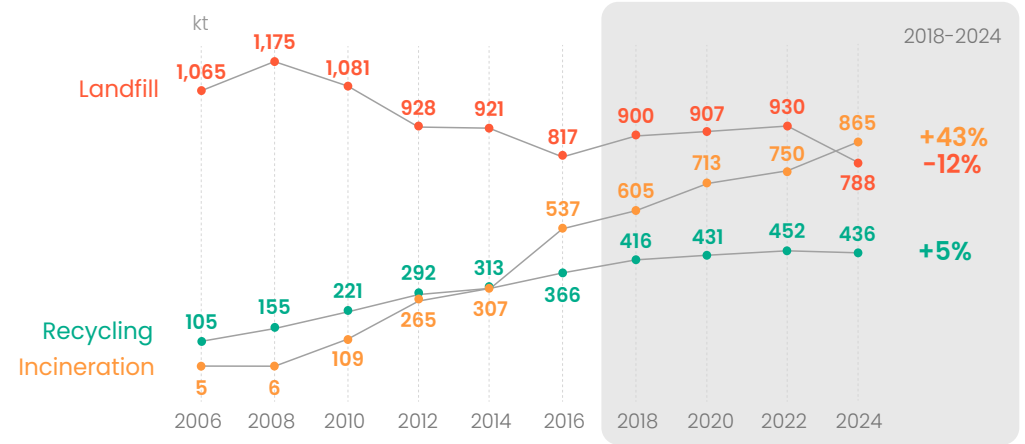


The above data are rounded estimations.
1. Extra and intra EU27 trade.

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



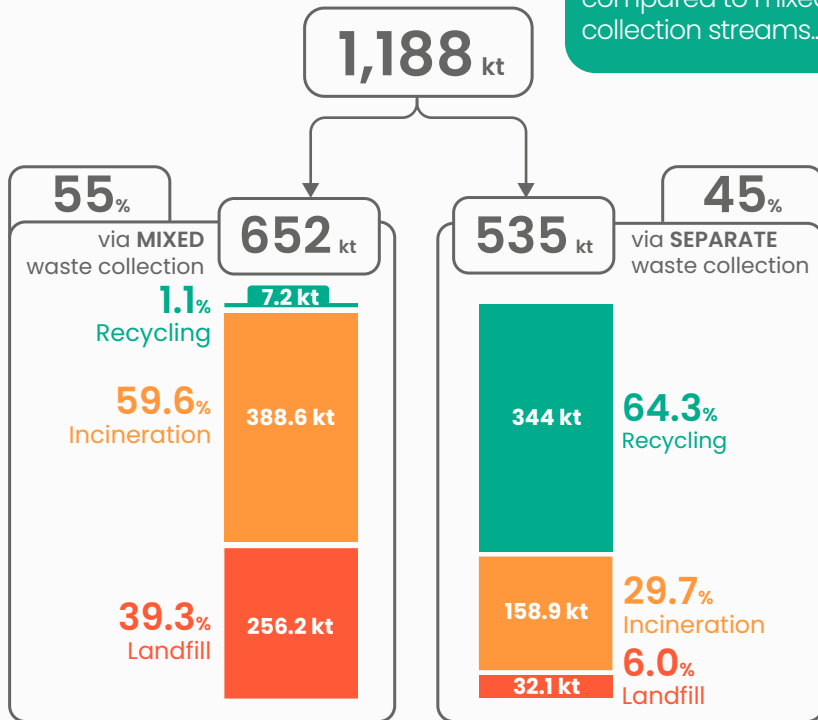
Post-consumer plastic waste treatment evolution
2006-2024, in kt



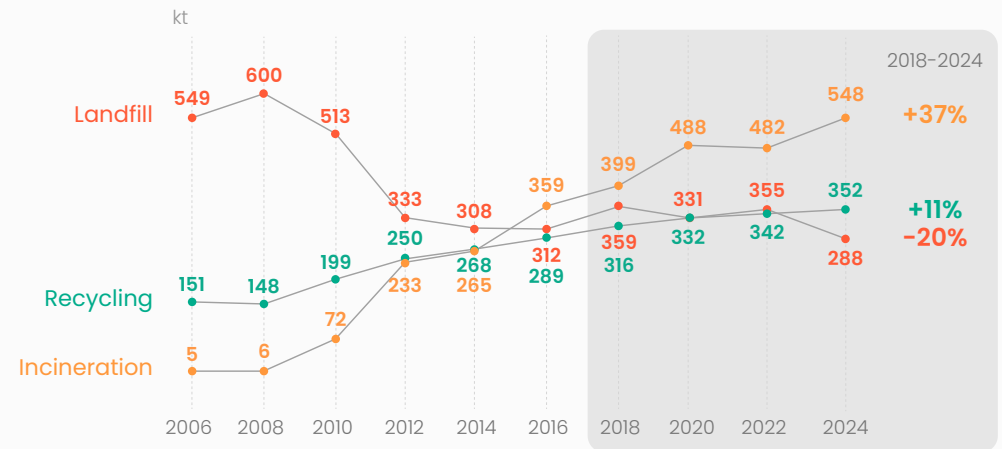
PACKAGING¹

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

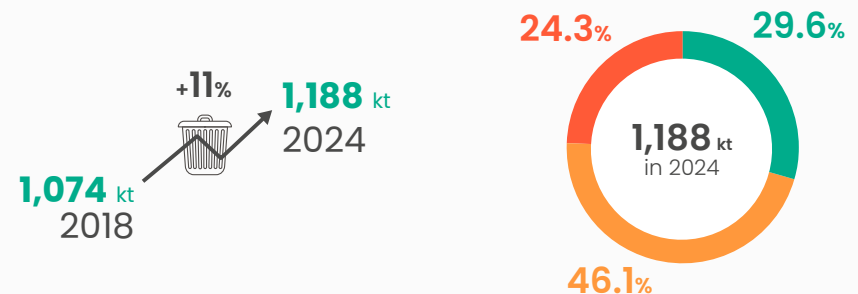
Polish plastic PACKAGING waste recycling rates are **x40 higher** when collected separately, compared to mixed collection streams.



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

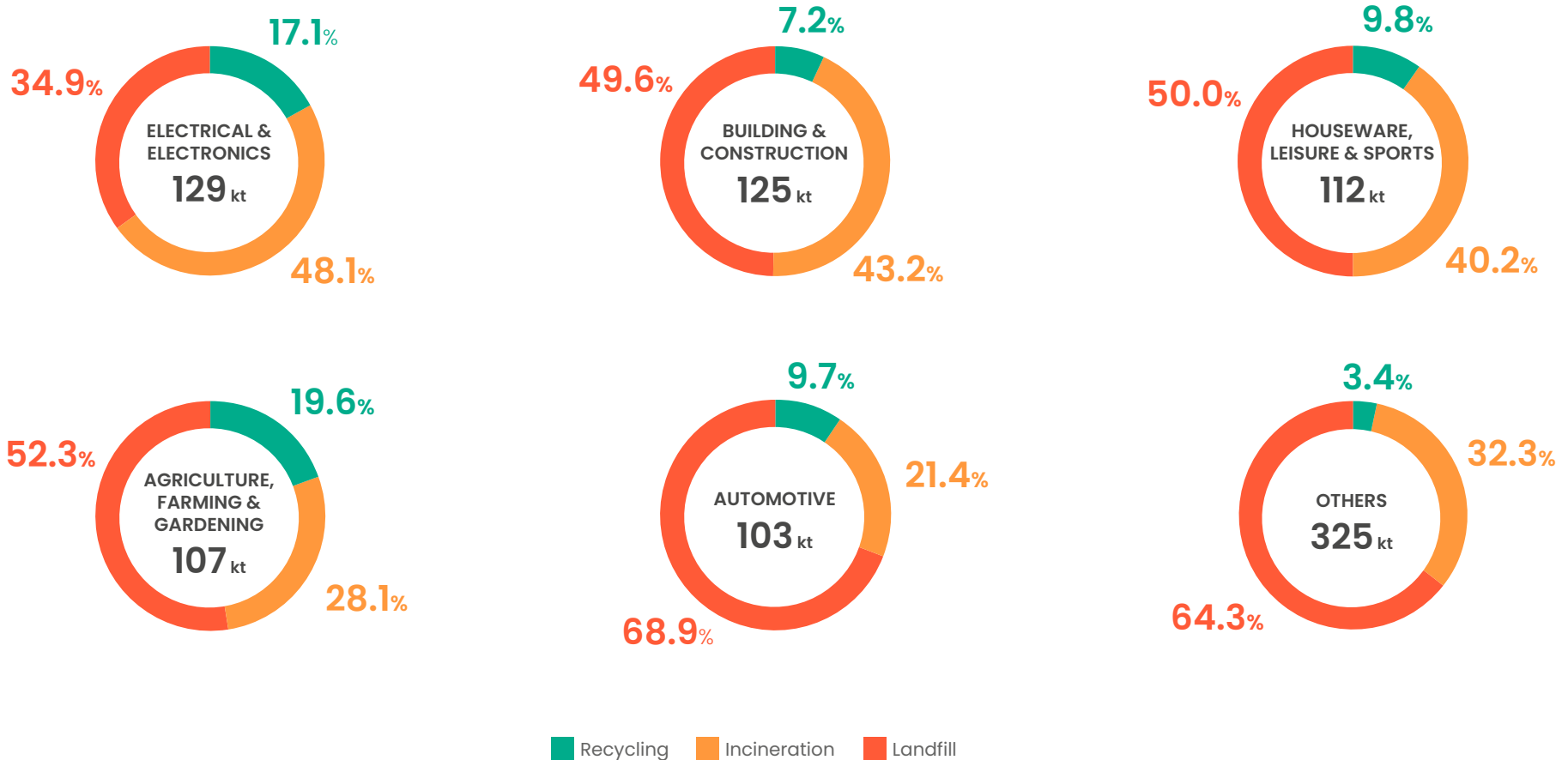


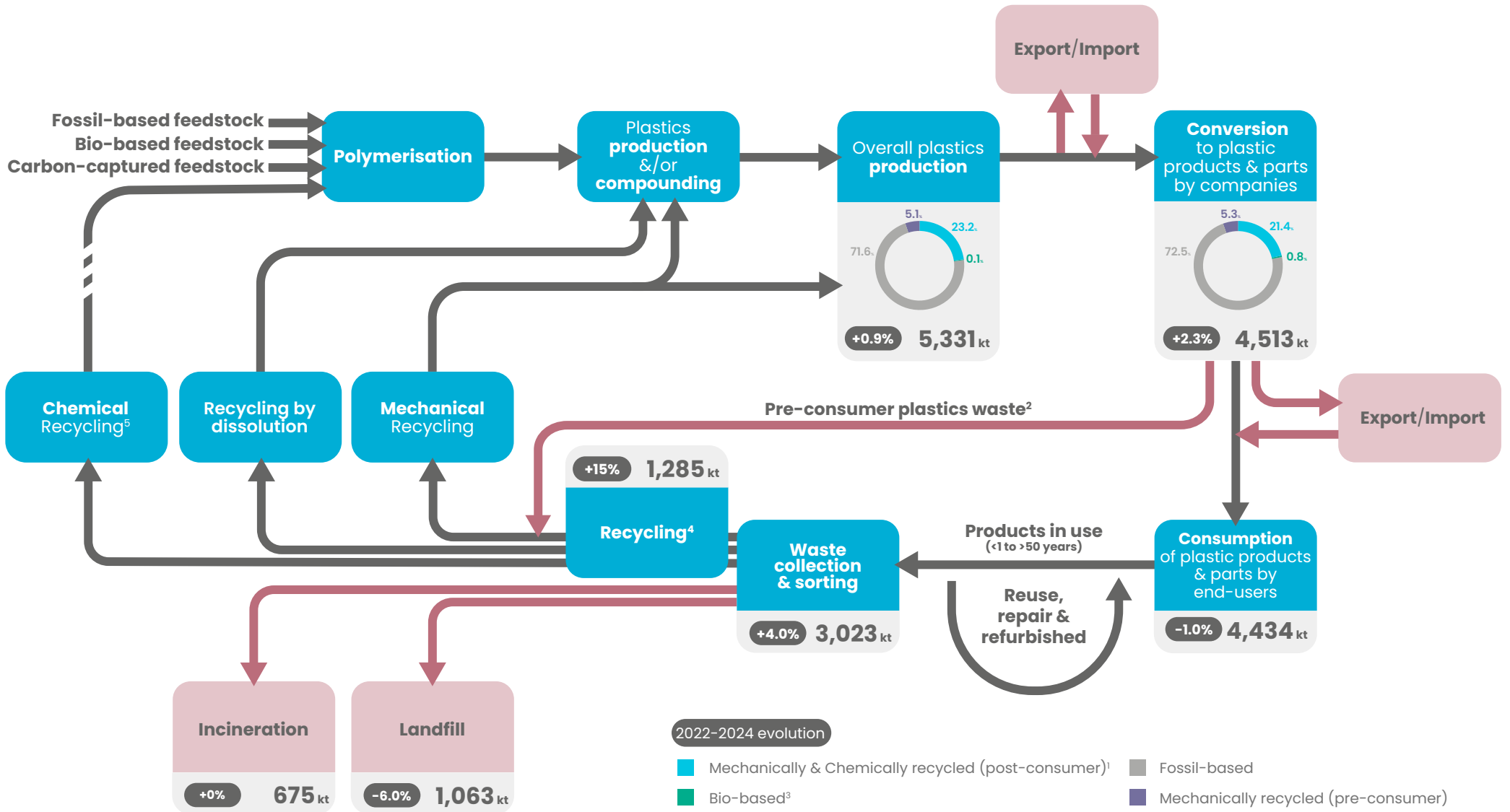
Post-consumer plastic PACKAGING waste collection evolution
2018-2024, in kt



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

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





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.

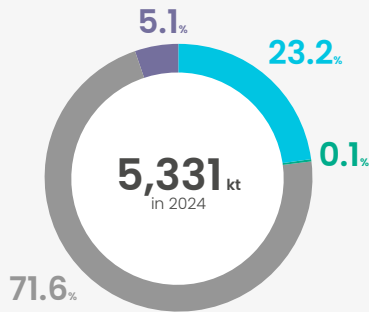
3. For data availability reasons, bio-attributed plastics are not included in national data.

4. Including 227 kt recycling of Spanish plastics waste abroad (intra-EU27+3 included). Spanish plastics waste import surplus for intra and extra EU27+3: 300 kt estimated import in 2024, and 287 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.

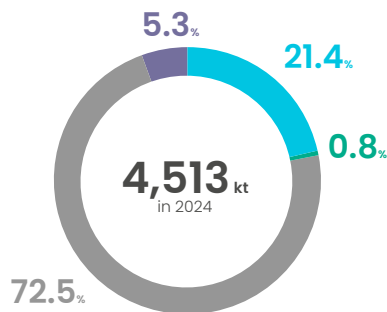
Plastics production

2024, in kt



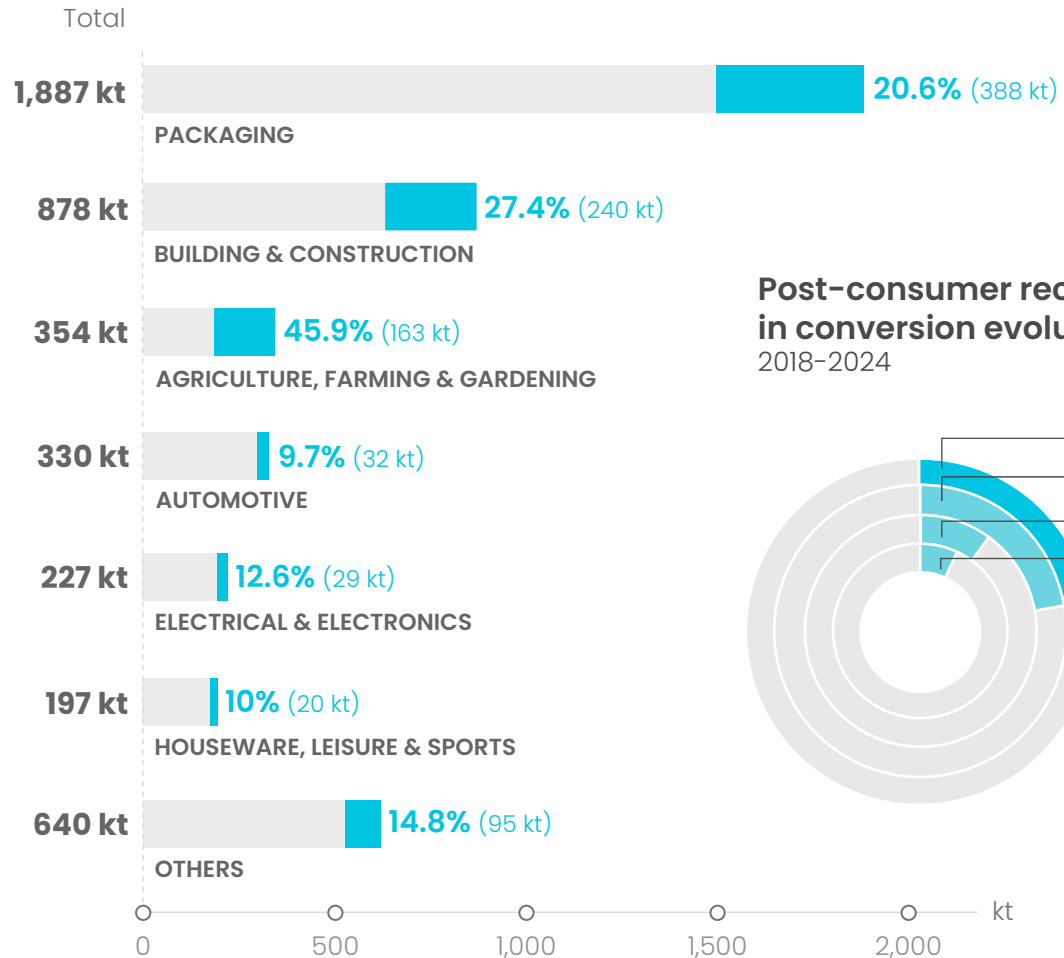
Plastics conversion

2024, in kt



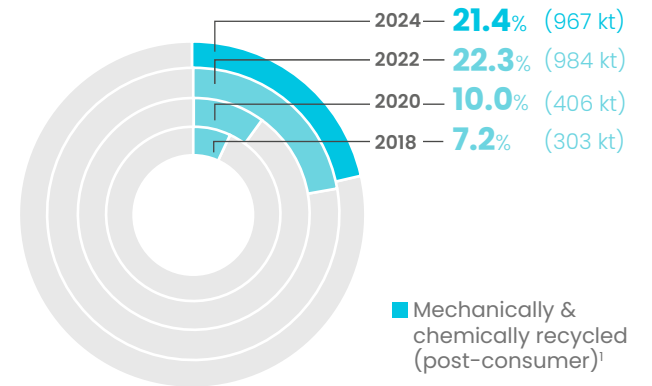
Post-consumer recycled plastics in conversion

2024, in kt



Post-consumer recycled plastics in conversion evolution

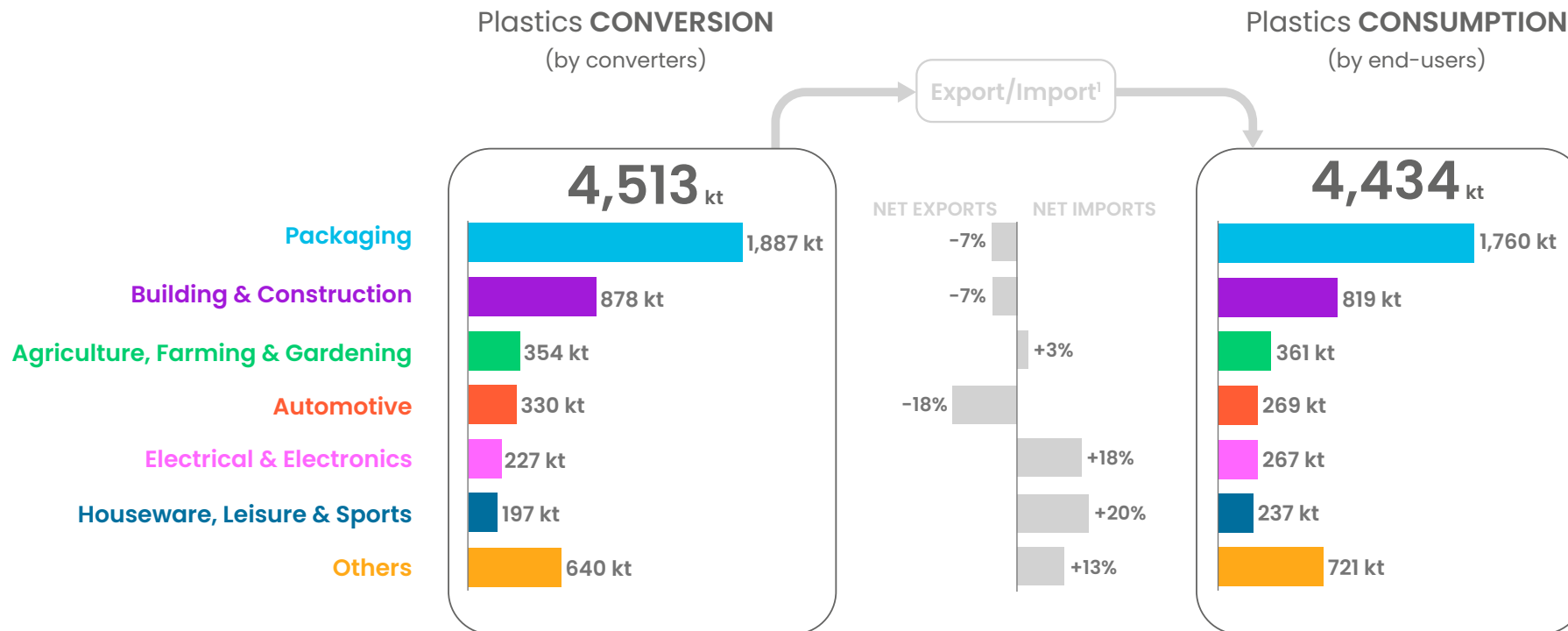
2018-2024



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

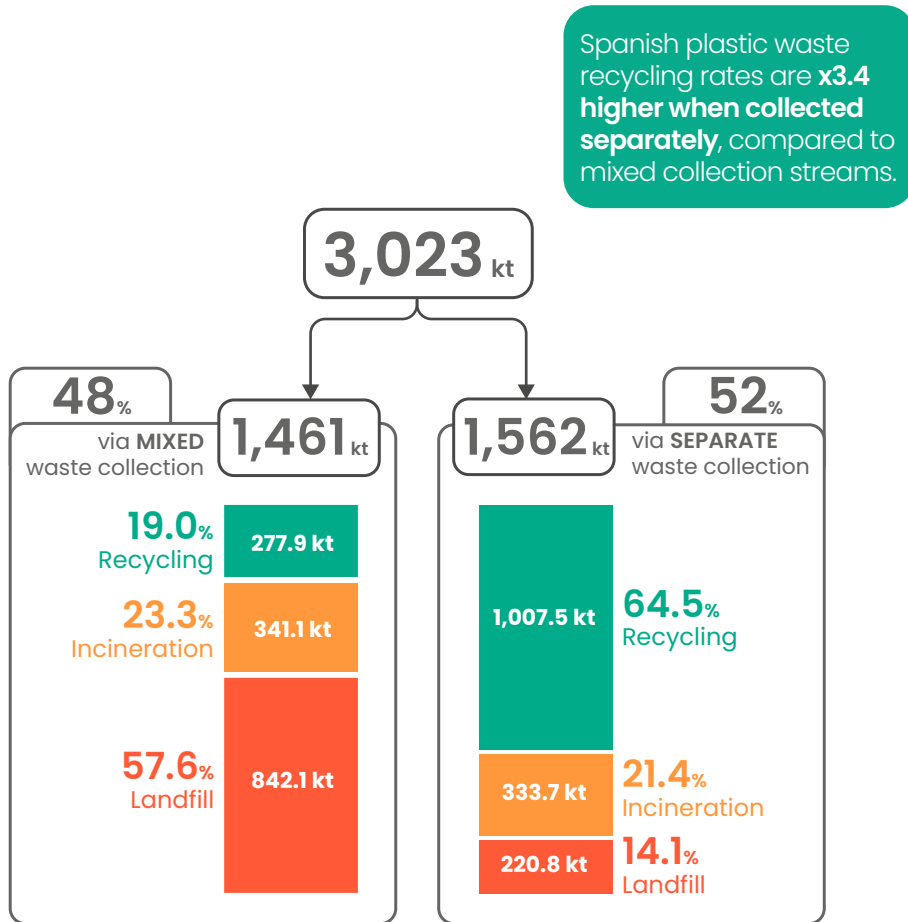
The above data are rounded estimations.
 1. For data availability reasons, chemically recycled plastics (post-consumer) are not included in conversion data.
 2. For data availability reasons, bio-attributed plastics are not included in national data.

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

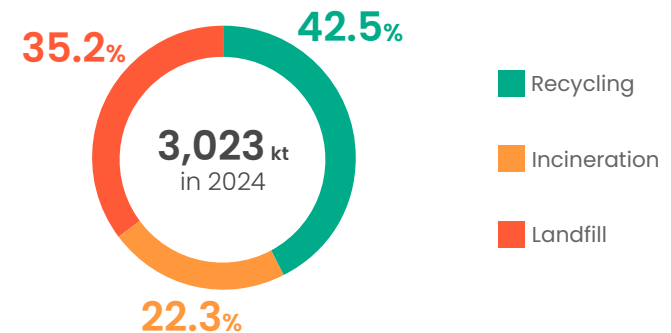
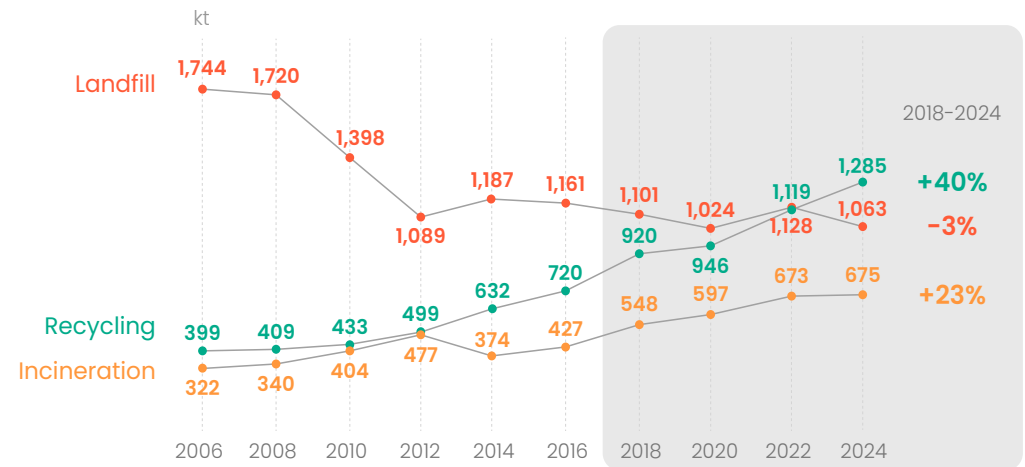


The above data are rounded estimations.
1. Extra and intra EU27 trade.

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

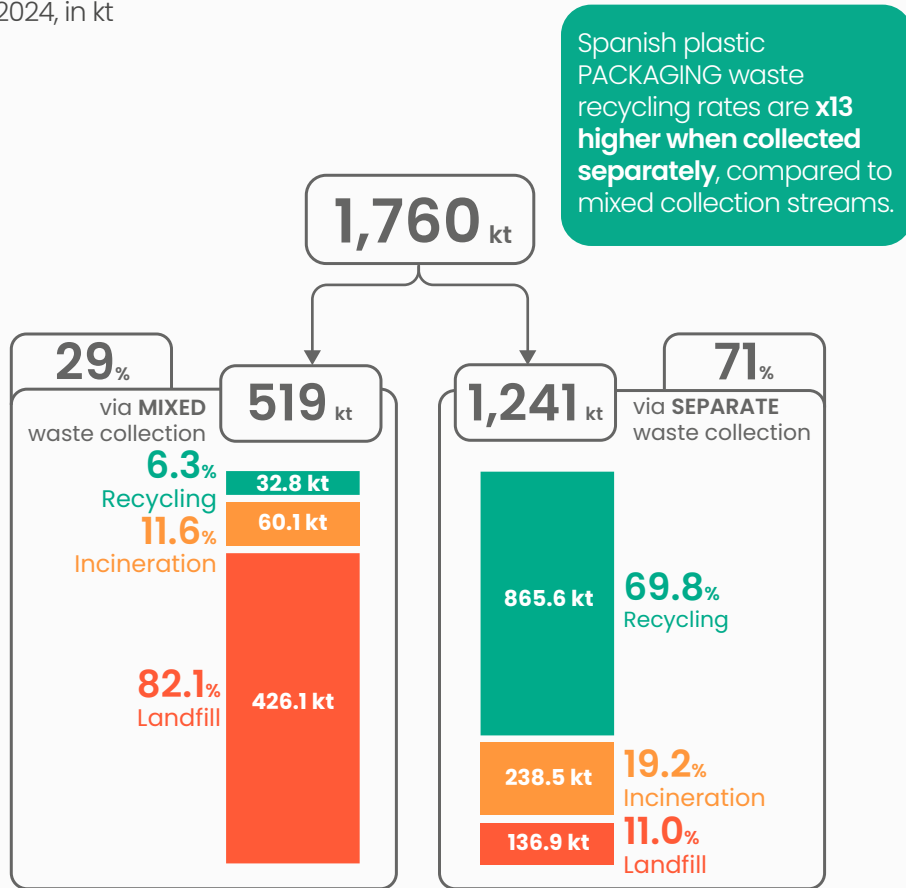


Post-consumer plastic waste treatment evolution
2006-2024, in kt

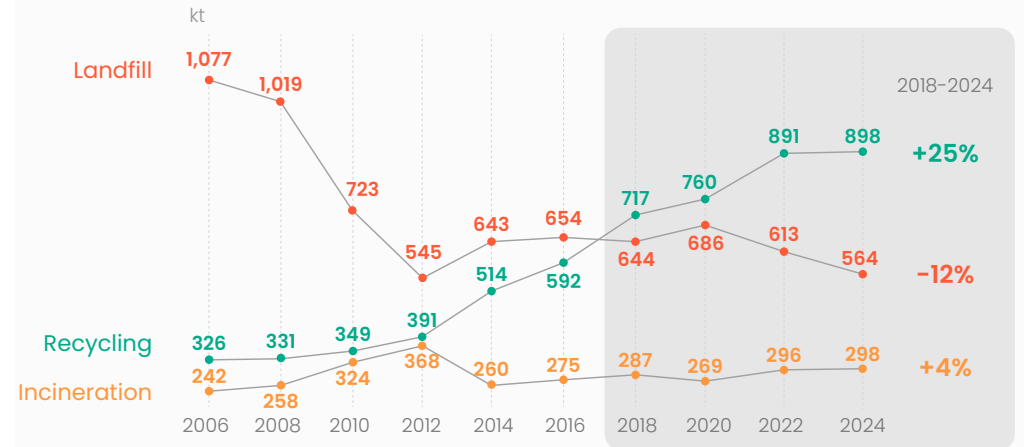


PACKAGING¹

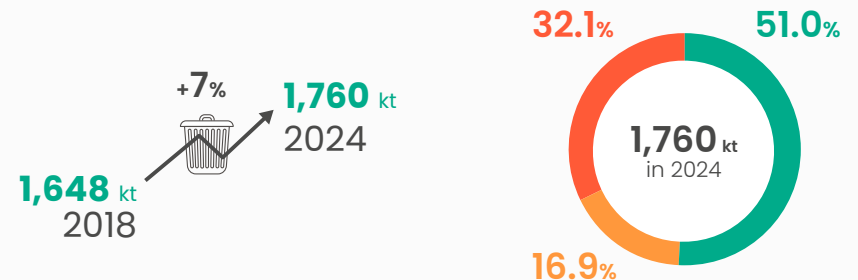
Post-consumer plastic PACKAGING waste collection and treatment
2024, in kt



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

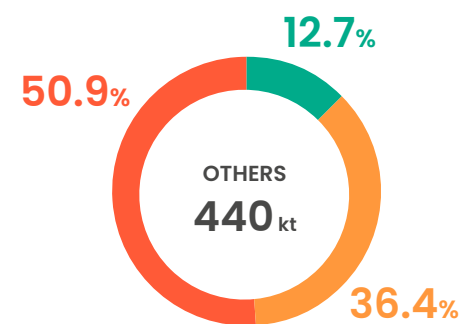
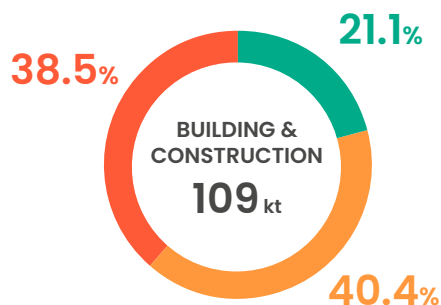
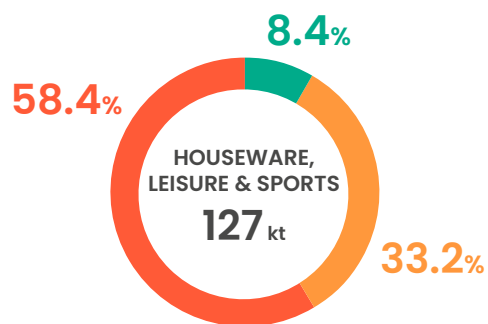
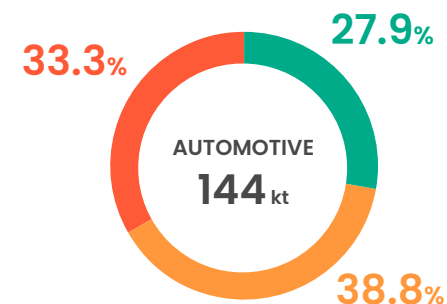
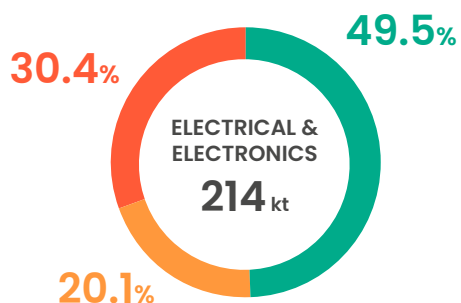
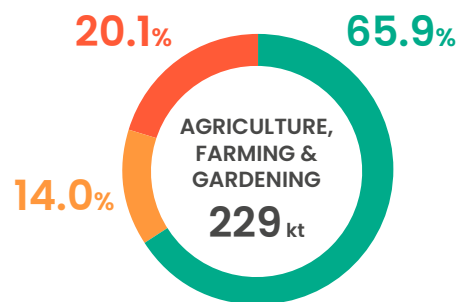


Post-consumer plastic PACKAGING waste collection evolution
2018-2024, in kt

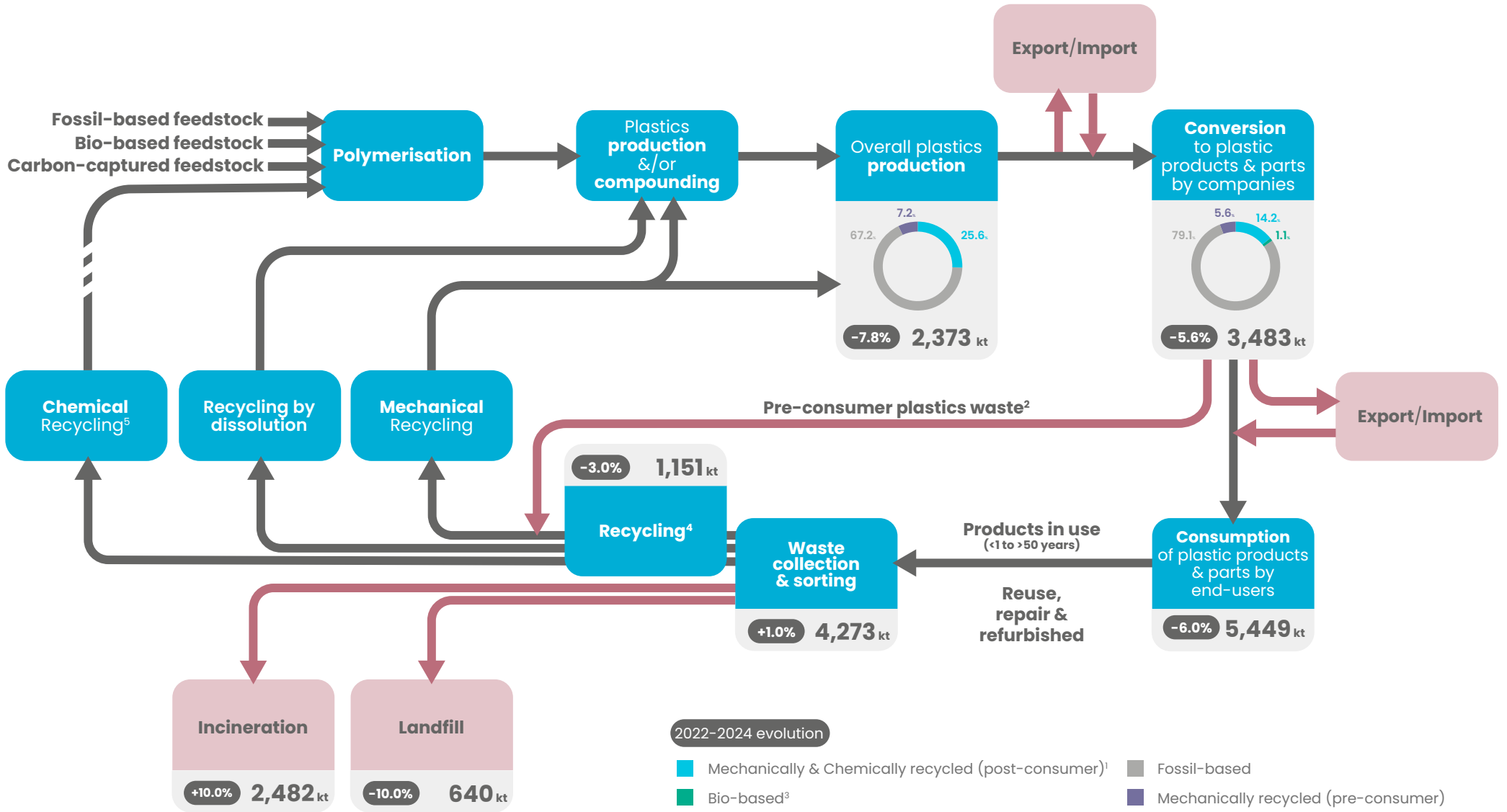


The above data are rounded estimations.
 1. From household, industrial, and commercial plastic packaging.

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



■ Recycling ■ Incineration ■ Landfill



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.

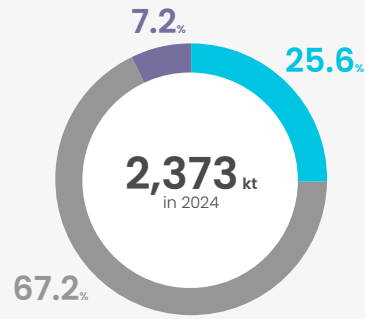
3. For data availability reasons, bio-attributed plastics are not included in national data.

4. Including 534 kt recycling of UK plastics waste abroad (intra-EU27+3 included). UK plastics waste export surplus for intra and extra EU27+3: 40 kt estimated import in 2024, and 670 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.

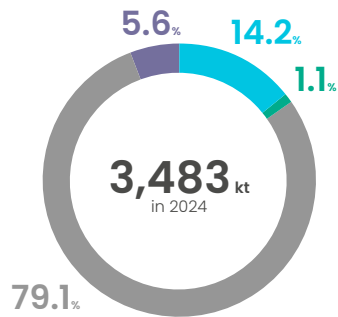
Plastics production

2024, in kt



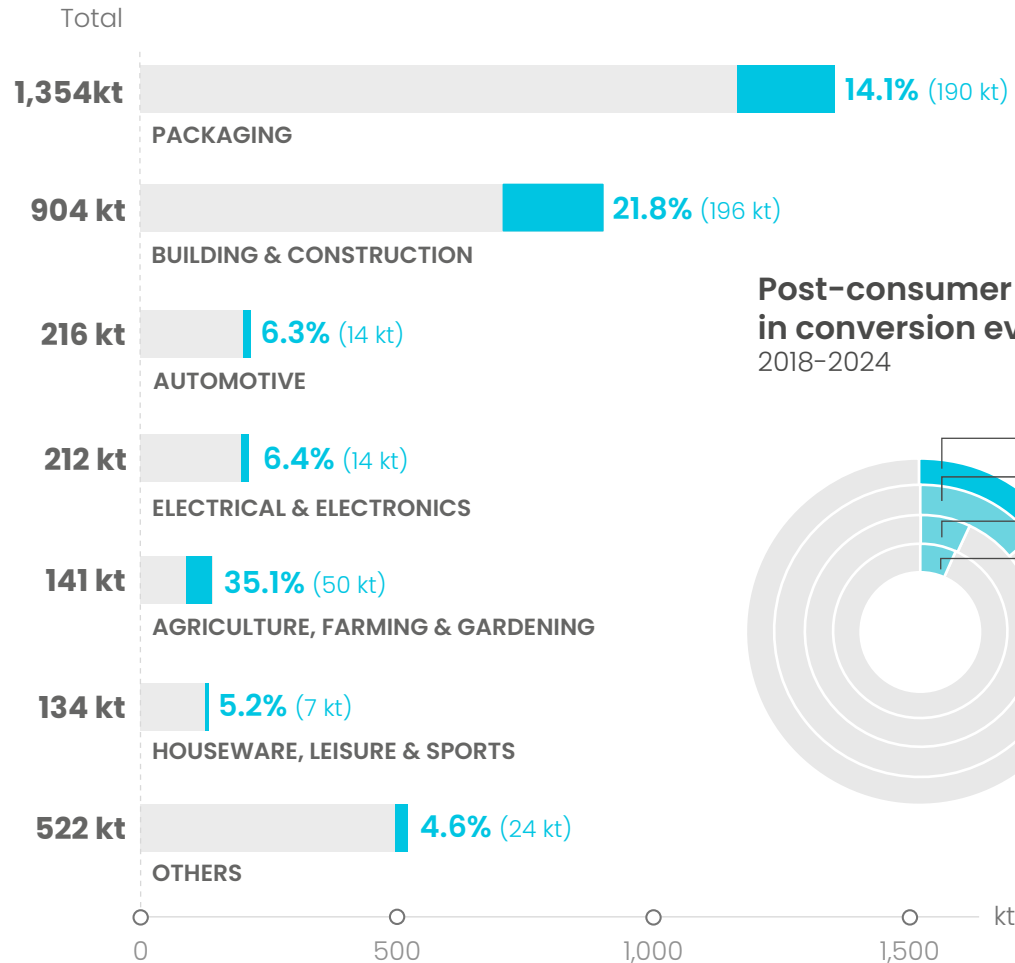
Plastics conversion

2024, in kt



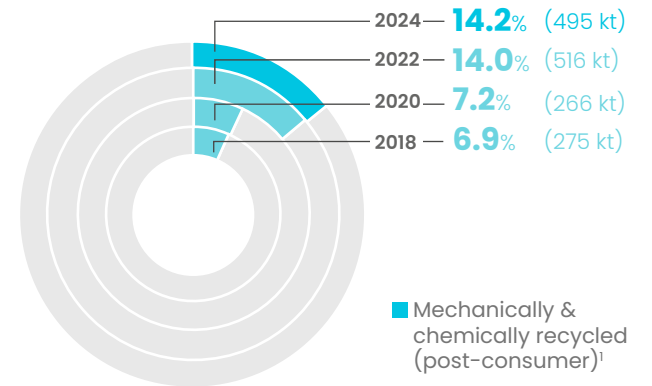
Post-consumer recycled plastics in conversion

2024, in kt



Post-consumer recycled plastics in conversion evolution

2018-2024



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

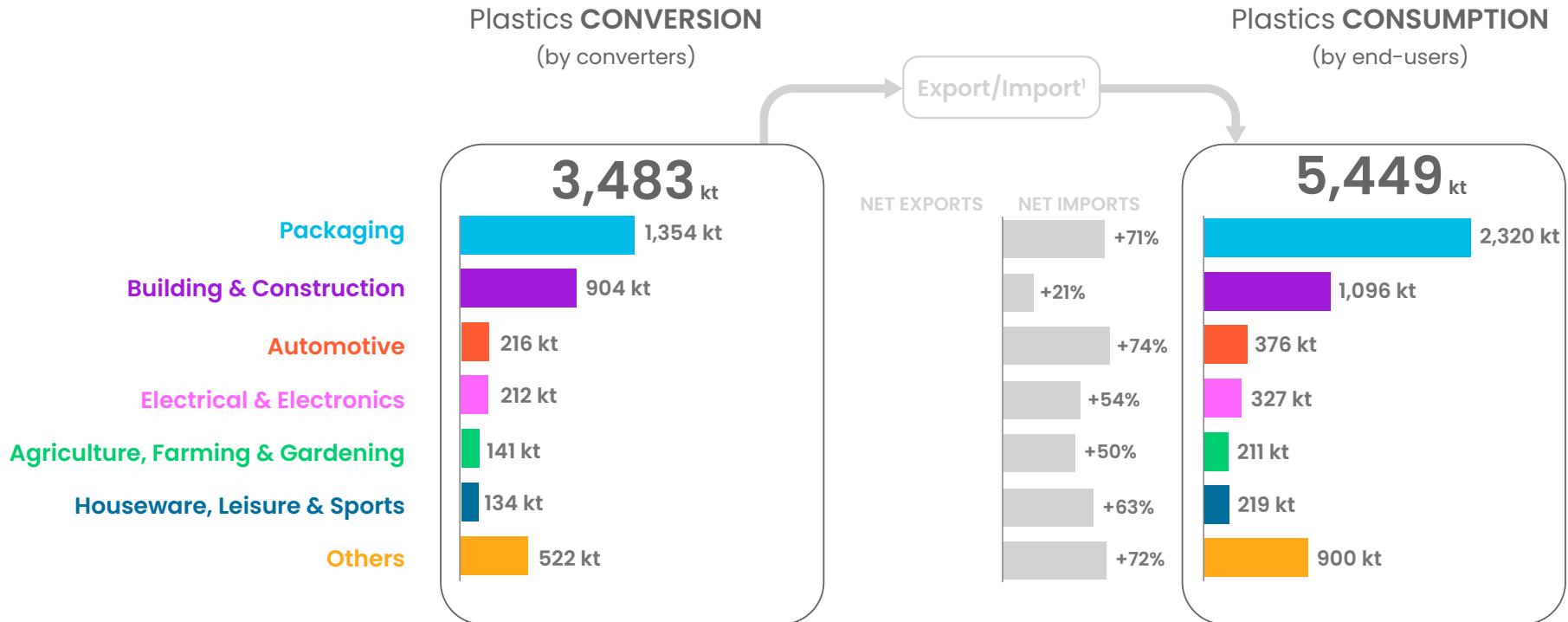
The above data are rounded estimations.

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.

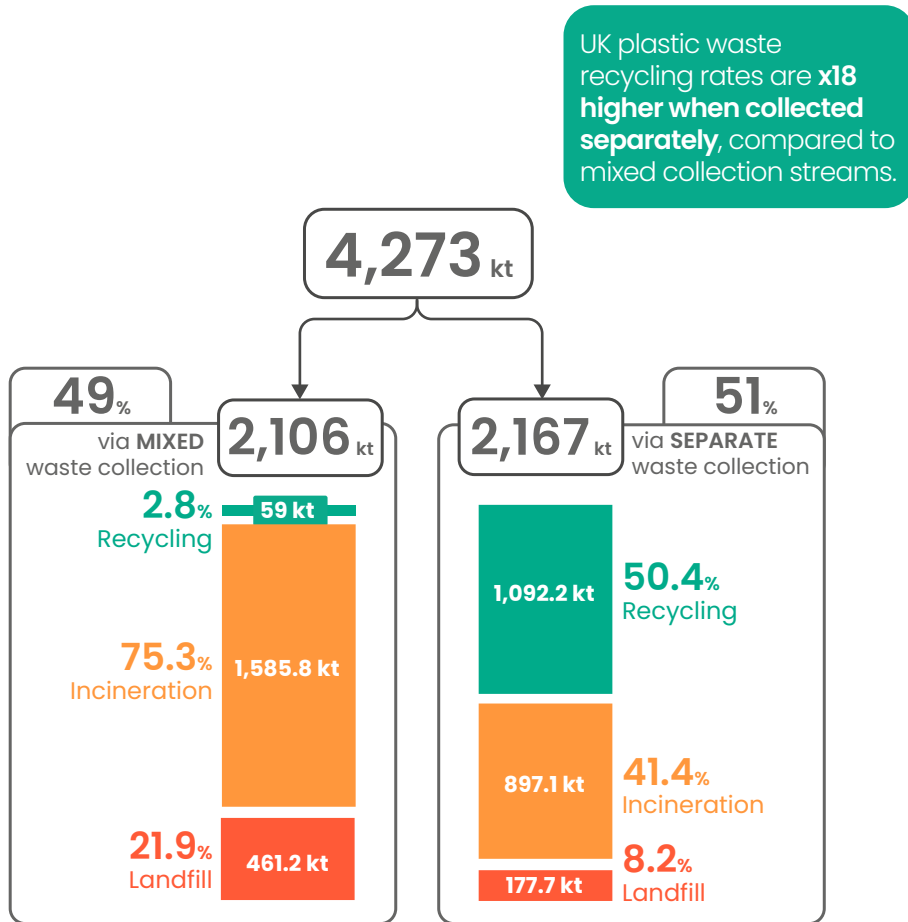
Plastic products conversion, trade and national consumption

2024, in kt

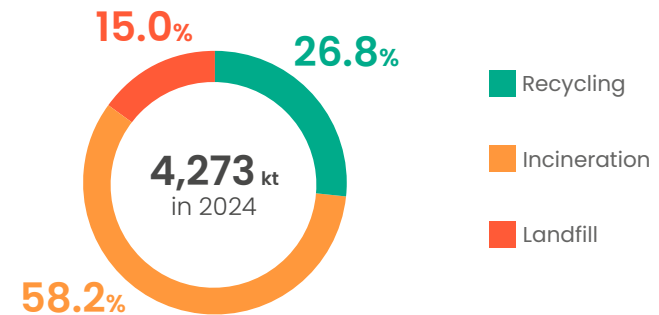
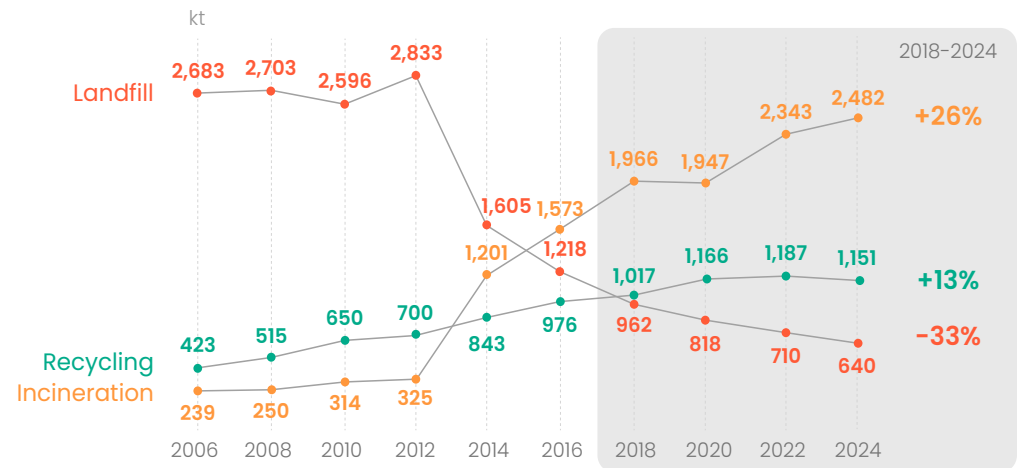


The above data are rounded estimations.
1. Extra and intra EU27 trade.

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

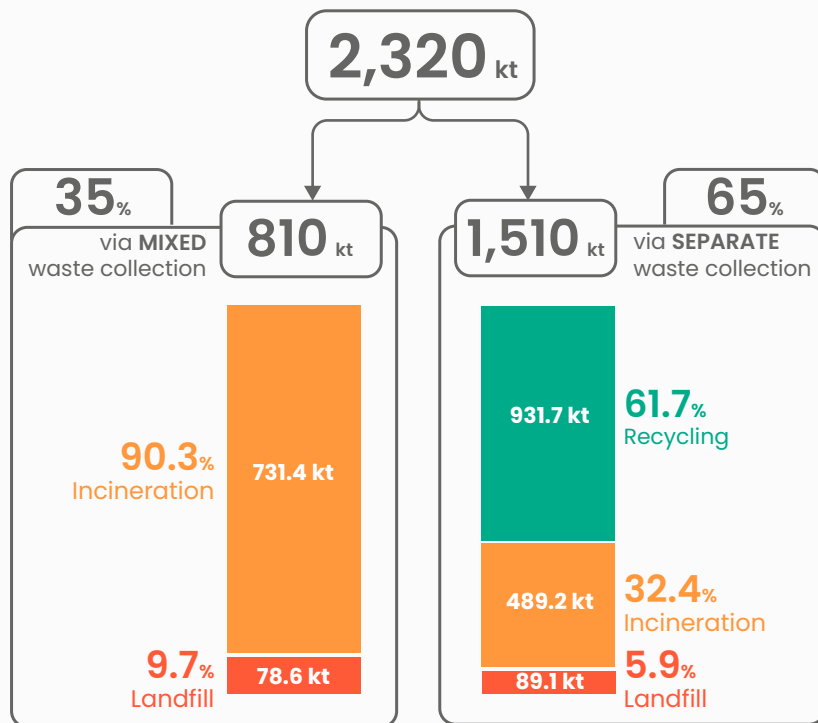


Post-consumer plastic waste treatment evolution 2006-2024, in kt

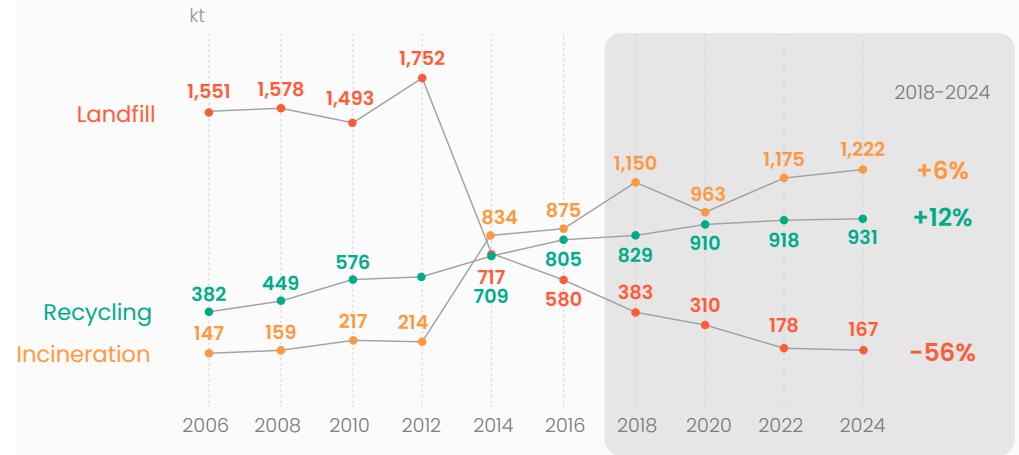


PACKAGING¹

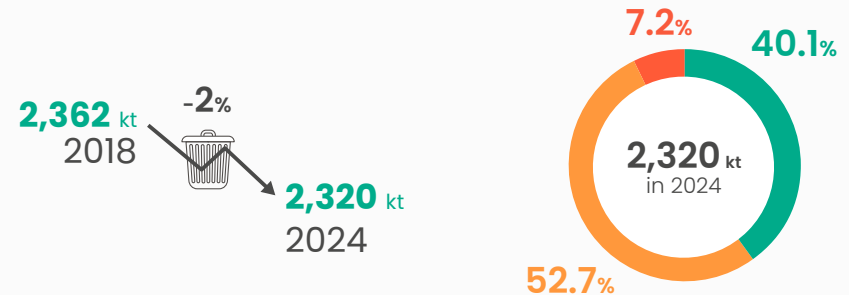
Post-consumer plastic PACKAGING waste collection and treatment
2024, in kt



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

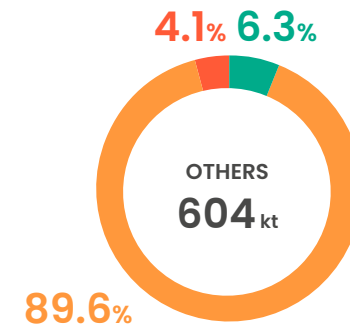
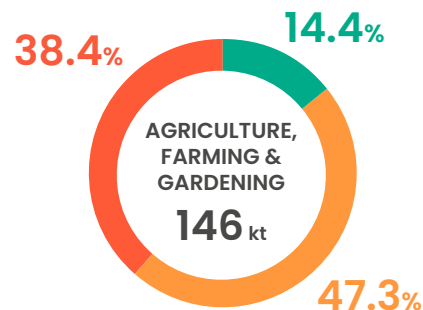
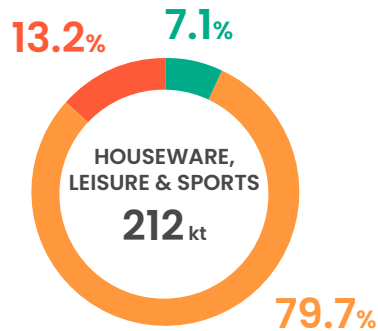
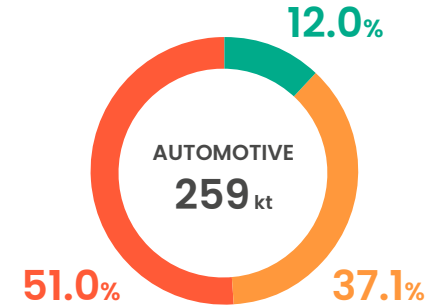
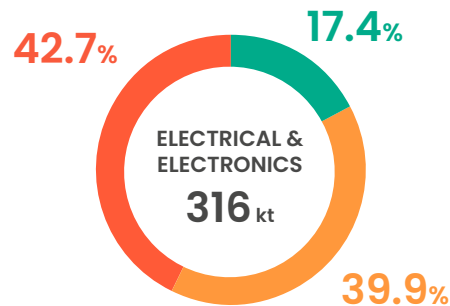
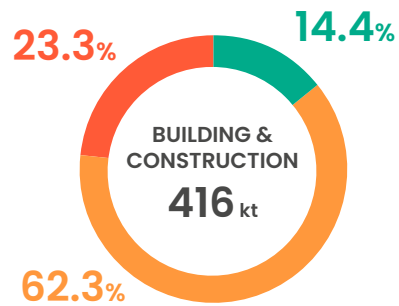


Post-consumer plastic PACKAGING waste collection evolution
2018-2024, in kt



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

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



■ Recycling ■ Incineration ■ Landfill