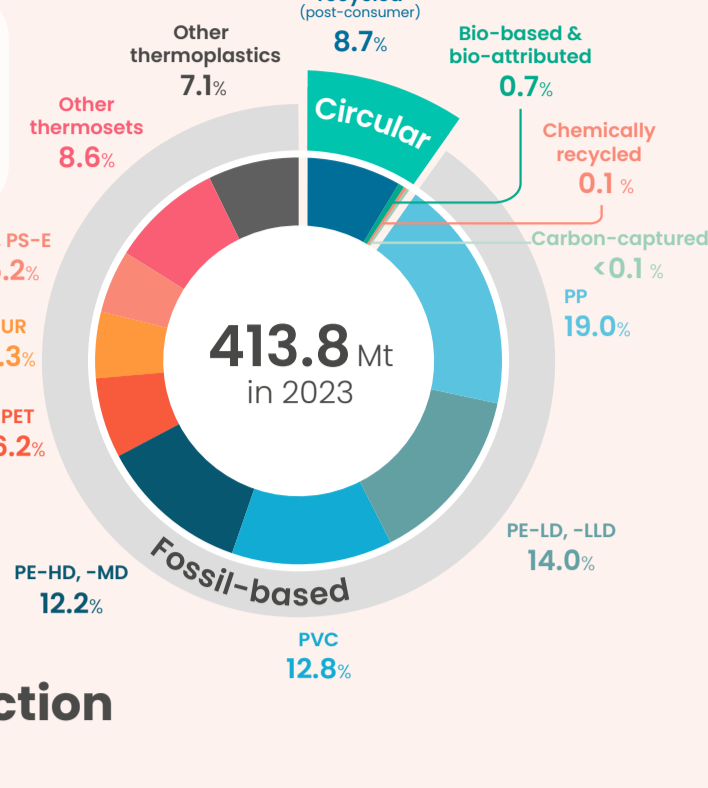
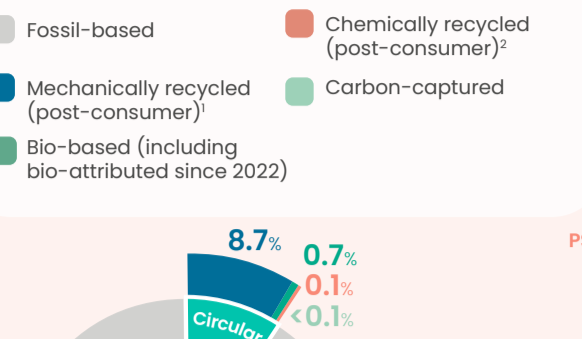
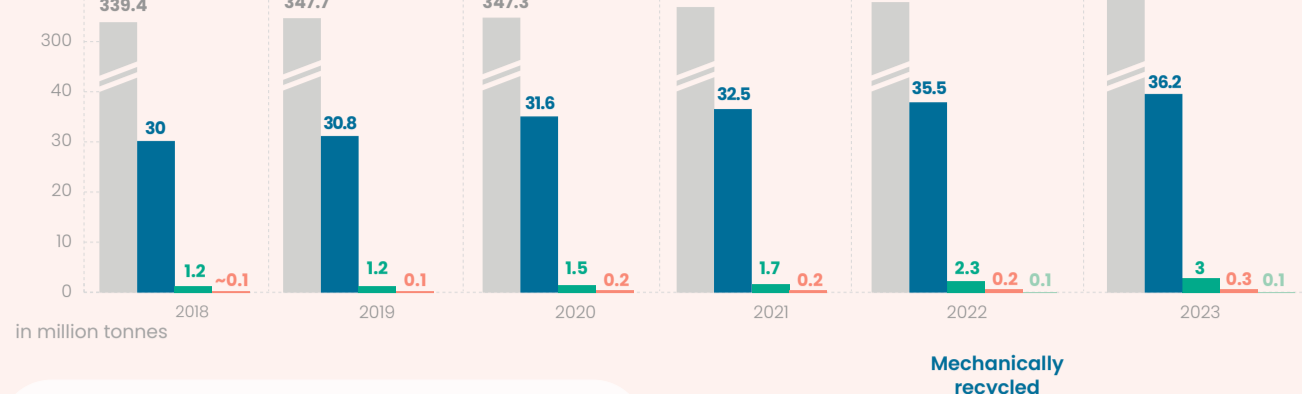


Plastics – the fast Facts 2024

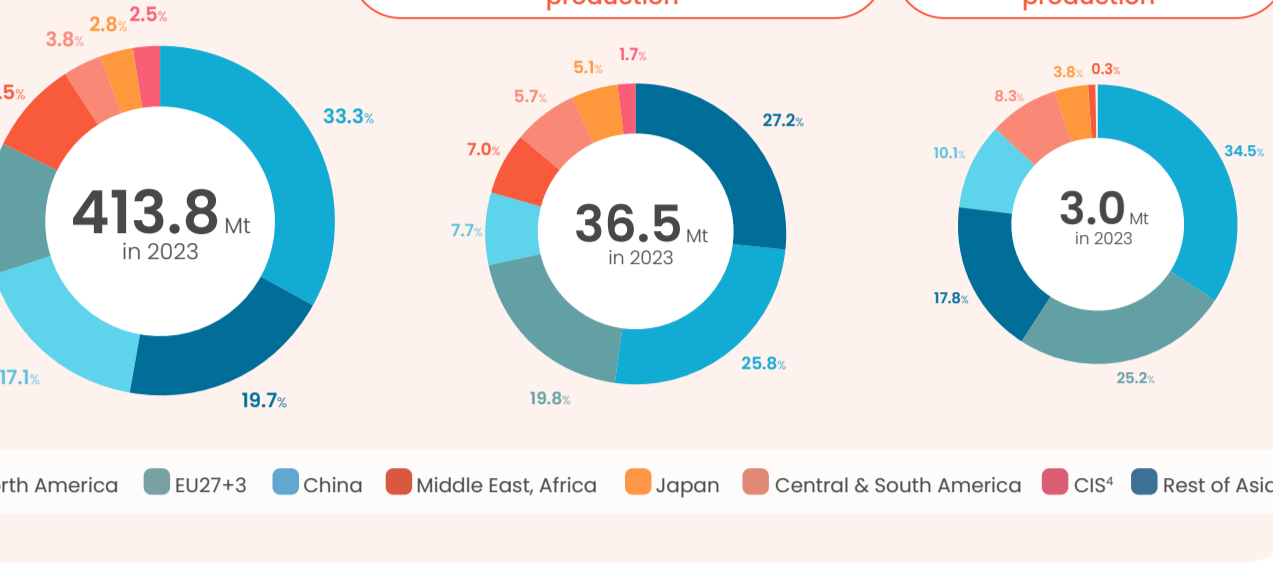
"Plastics – the fast Facts" 2024 shows 2023 preliminary global and European plastics production data. It also provides 2023 European plastics industry's key economic figures, trade data and top trade partners.

For a more complete and in-depth analysis of the plastics circular economy in Europe, please refer to Plastics Europe's biennial "Circular Economy for Plastics – A European Analysis" reports.

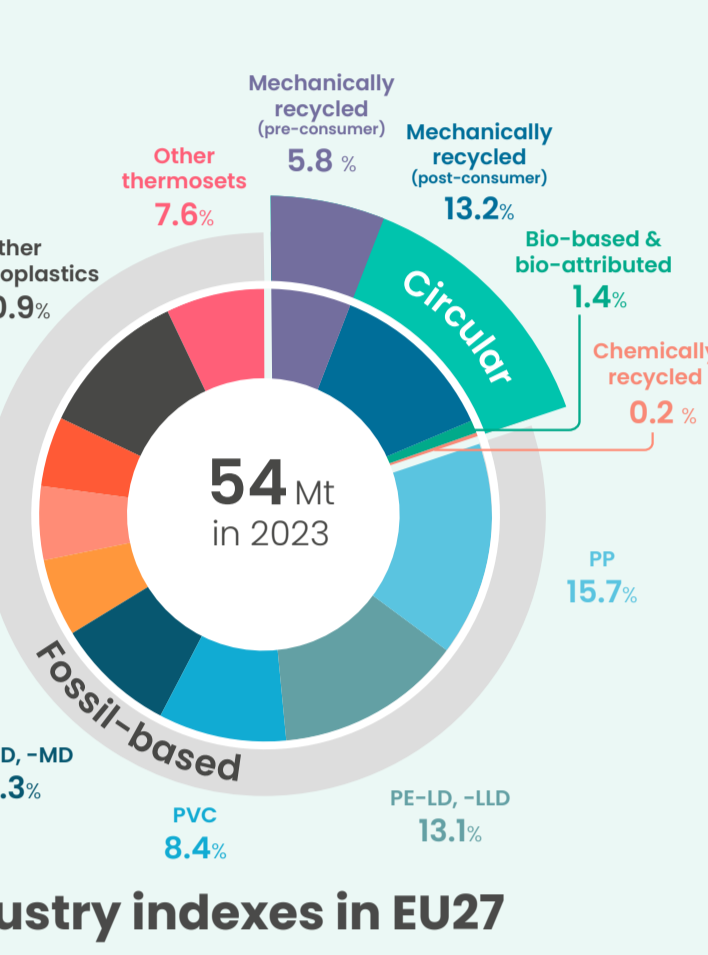
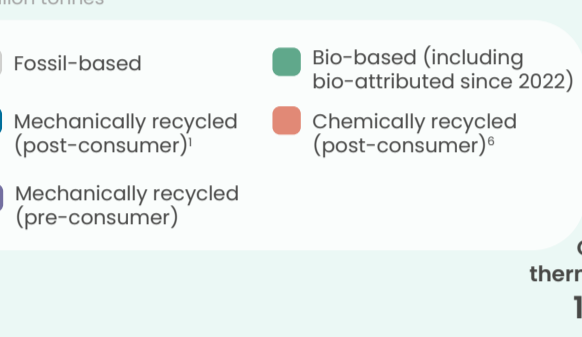
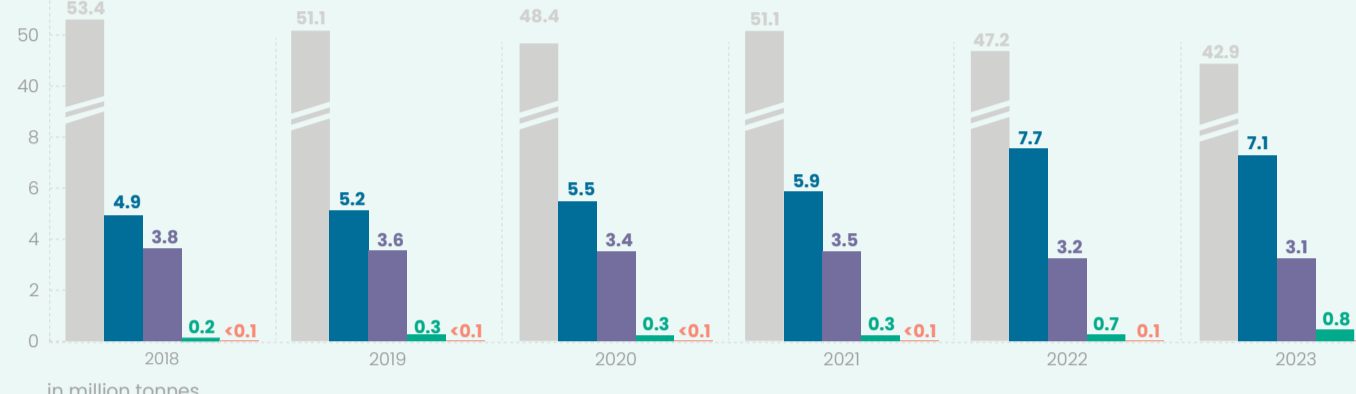
2023 World plastics production



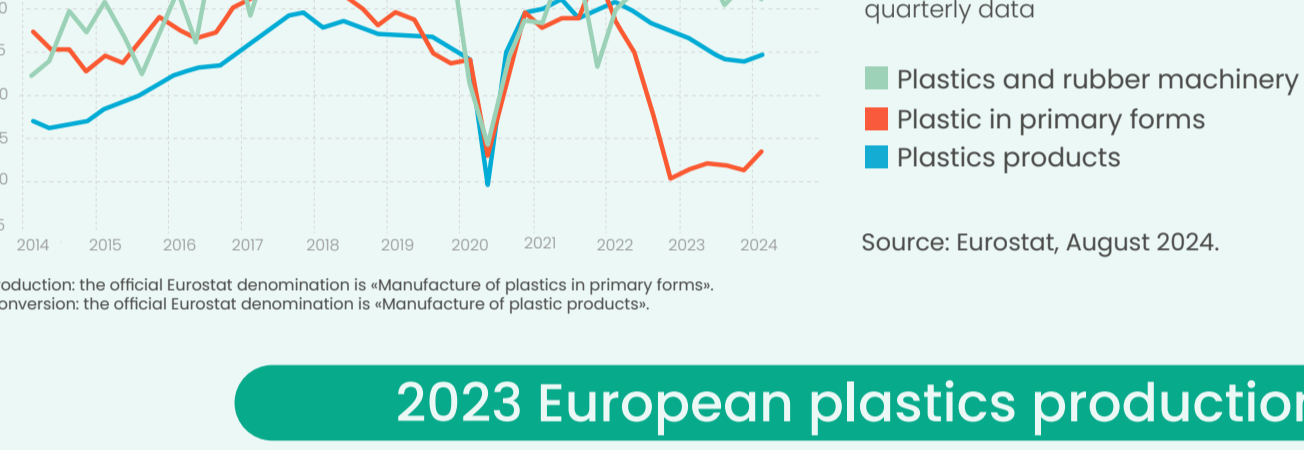
Share of plastics production by regions of the world



2023 European plastics production



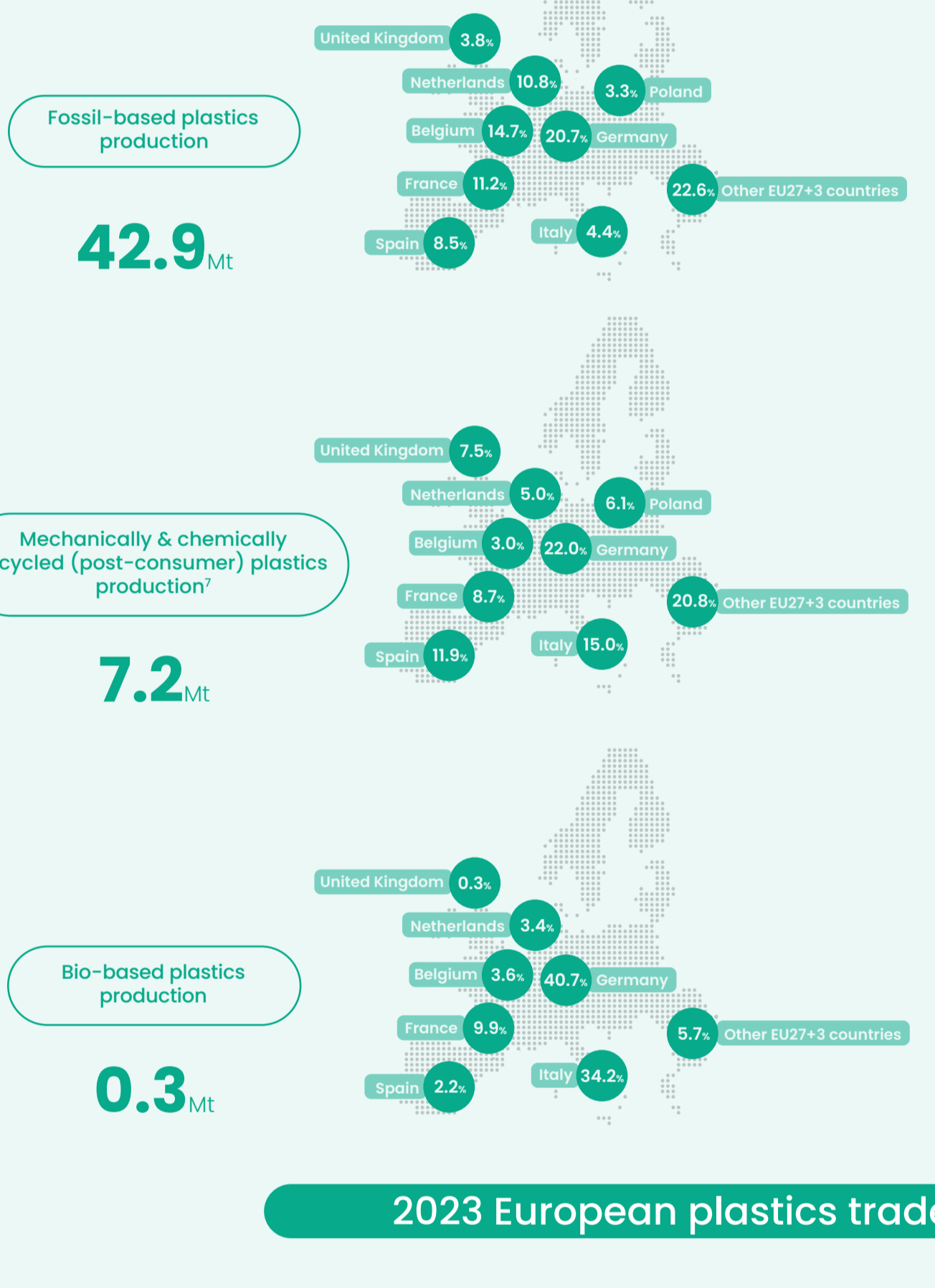
Plastics production industry indexes in EU27



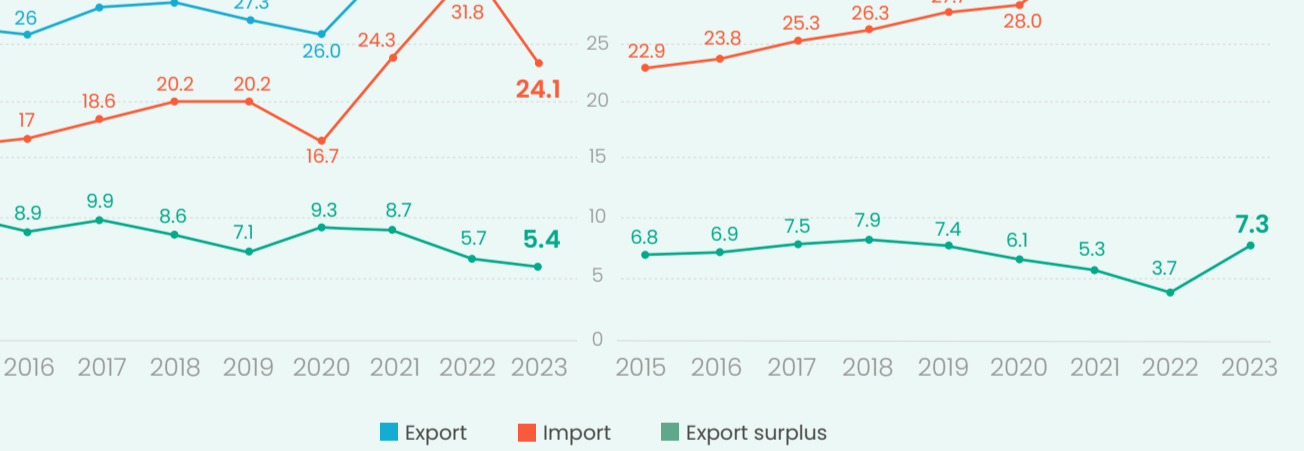
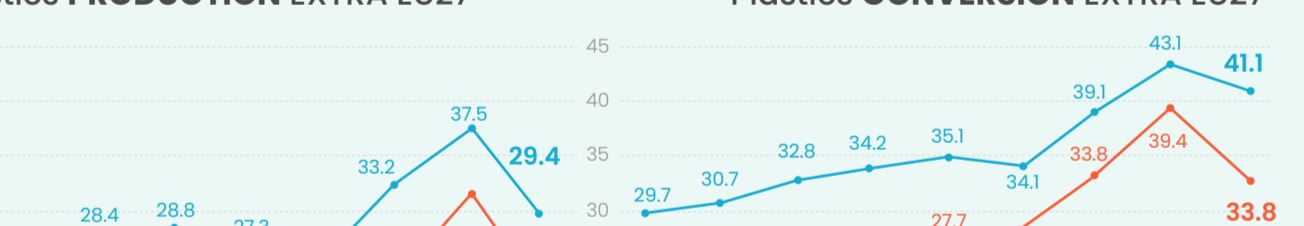
Production: the official Eurostat denomination is «Manufacture of plastics in primary forms». Conversion: the official Eurostat denomination is «Manufacture of plastic products».

Source: Eurostat, August 2024.

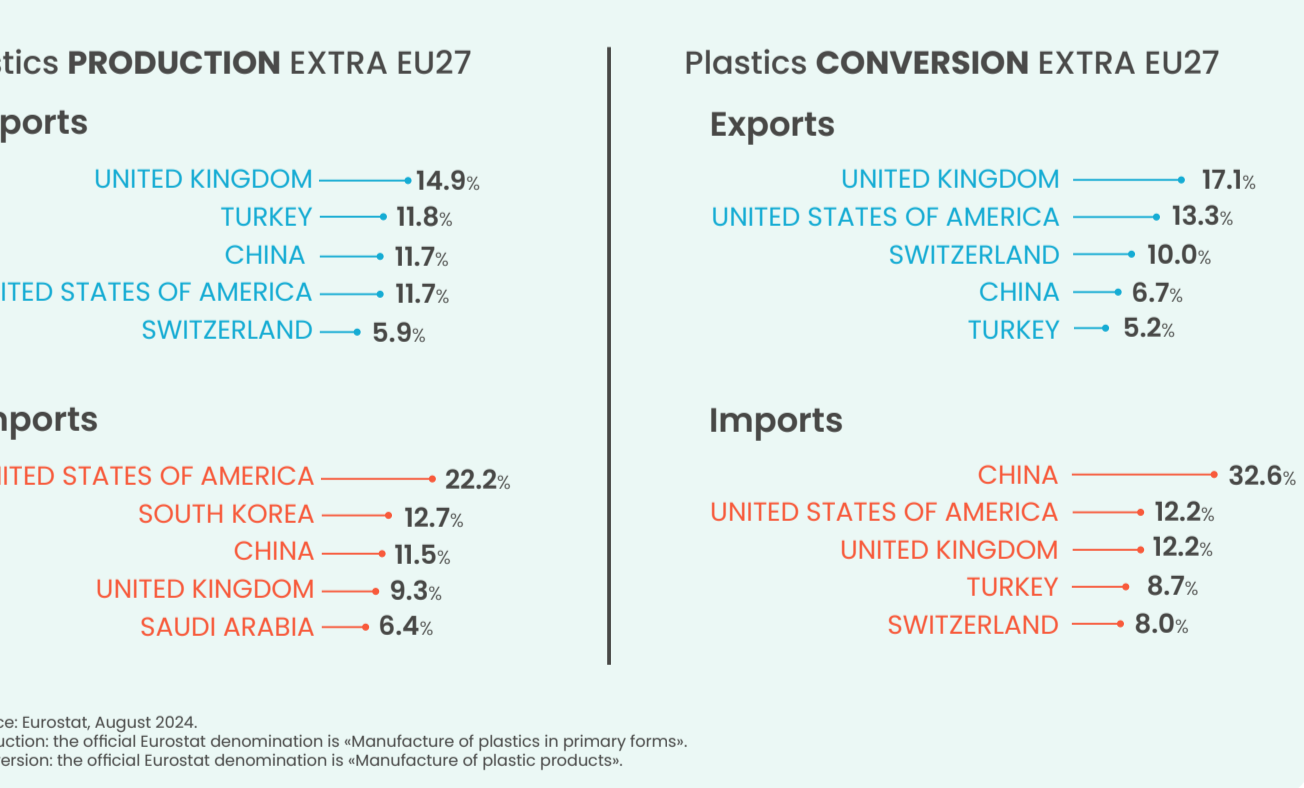
2023 European plastics production



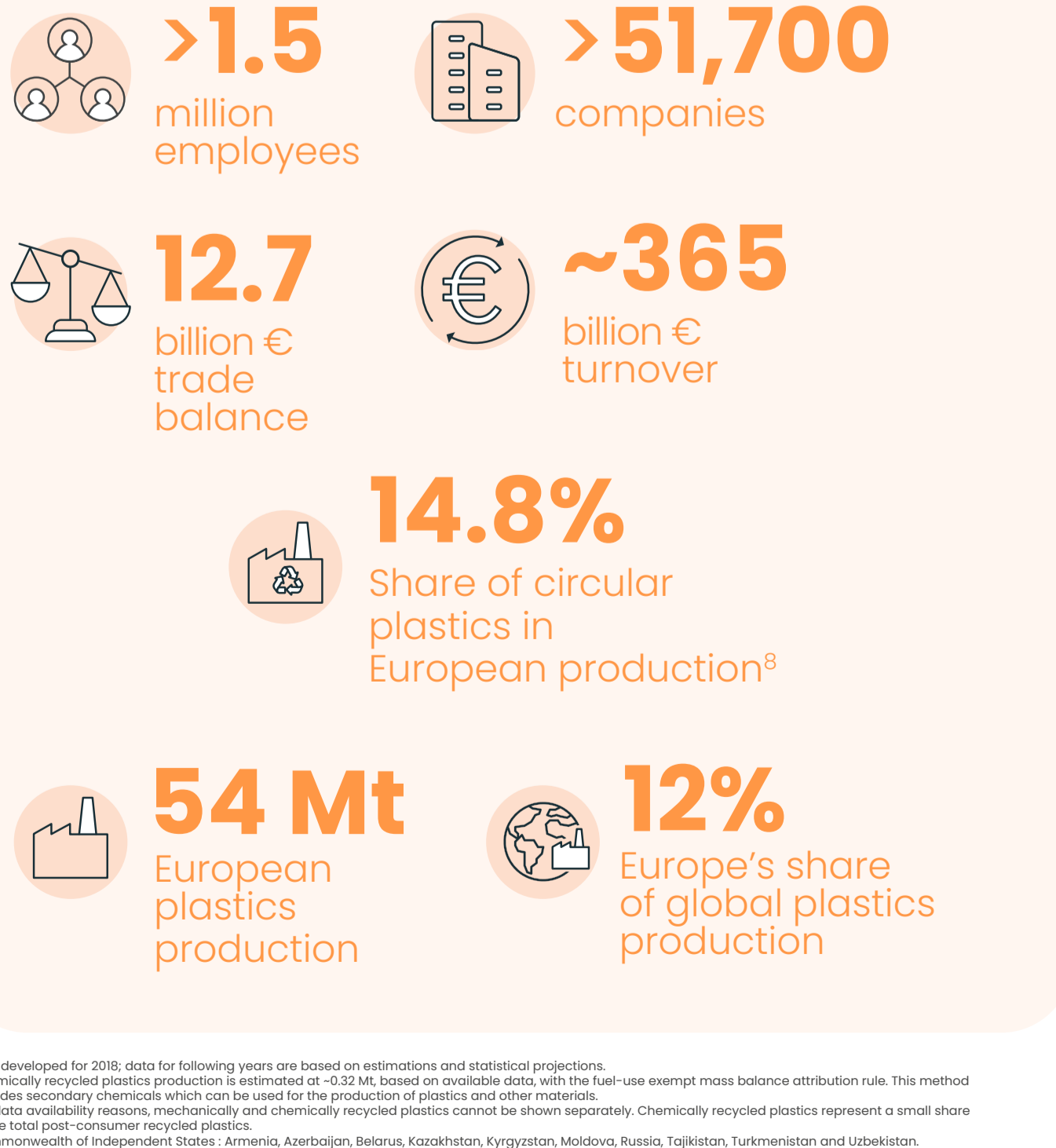
2023 European plastics trade



Extra-European top trade partners (in value) in 2023



2023 European key figures



1. Data developed for 2018; data for following years are based on estimations and statistical projections.
 2. Chemically recycled plastics production is estimated at -0.22 Mt, based on available data, with the fuel-use exempt mass balance attribution rule. This method includes secondary chemicals which can be used for the production of plastics and other materials.
 3. For data availability reasons, mechanically and chemically recycled plastics cannot be shown separately. Chemically recycled plastics represent a small share of the total post-consumer recycled plastics.
 4. Commonwealth of Independent States: Armenia, Azerbaijan, Belarus, Kazakhstan, Kyrgyzstan, Moldova, Russia, Tajikistan, Turkmenistan and Uzbekistan.
 5. Includes Asian countries (except China & Japan), Oceania, Turkey and Ukraine.
 6. Chemically recycled plastics production is estimated at -0.12 Mt, based on available data, with the fuel-use exempt mass balance attribution rule. This method includes secondary chemicals which can be used for the production of plastics and other materials.
 7. For data availability reasons, mechanically and chemically recycled plastics cannot be shown separately. Chemically recycled plastics represent a small share of the total post-consumer recycled plastics.
 8. This number excludes pre-consumer recycled plastics (pre-consumer recycled plastics means recycled plastics from waste arising from the plastics production and converting processes). The "Plastics Production" roadmap defines 'circular plastics' as an overarching term including post-consumer recycled plastics, plastics from bio-based feedstock, and from carbon-capture, excluding pre-consumer.

Sources: Conversio Market & Strategy GmbH and nova-Institute. Structural data of the European plastics industry are 2023 Plastics Europe estimations based on 2020 Eurostat official data. Plastics – the fast Facts data are rounded preliminary estimations.

Scope: World or EU27+3 (unless specified otherwise). Polymers that are not used in the conversion of plastic parts and products are not included (i.e. quantities used for adhesives, sealants, coatings, paints, varnishes, textiles, waterproofing, or within the production of cosmetics, medicines or chemical processes). PVC-, PO- and PU-fibers are included, whereas PA, PET-, PBT-fibers, or acrylic polyesters are not included.

Note: Plastics Europe is adapting its datasets on a continuous basis, to offer the best available data that can help to address today's sustainability challenges. This means that historical data sometimes needs to be adapted retrospectively, in function of new scope and definitions, as well as new data availability.

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