



# Plastics – the *fast* Facts 2023

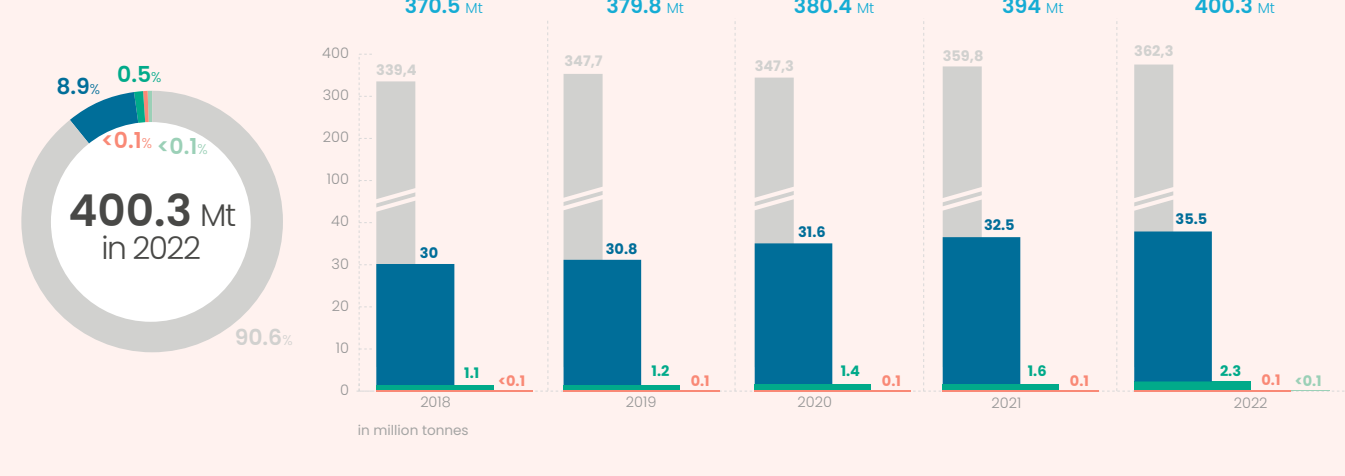
Plastics – the *fast* Facts shows preliminary global and European plastics production data. It also provides European plastics industry's key economic figures, trade balance, top trade partners, and preliminary estimations of in-depth analysis of plastics circular economy in Europe, please refer to Plastics Europe's biennial "Circular Economy for Plastics – A European Overview" reports.

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 Overview" reports.

## 2022 key economic figures<sup>1</sup>



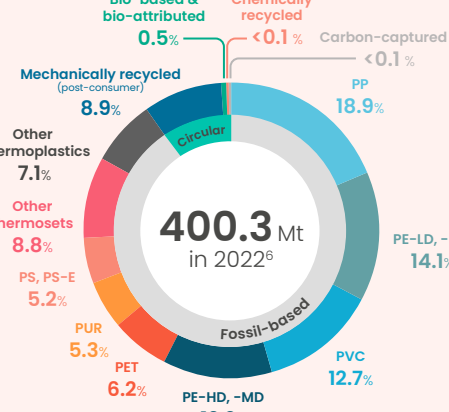
## World plastics production<sup>2</sup>



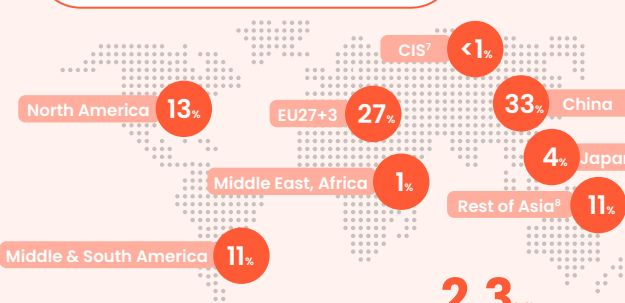
### Plastics production by regions of the world<sup>3</sup>



### Global plastics production by polymer



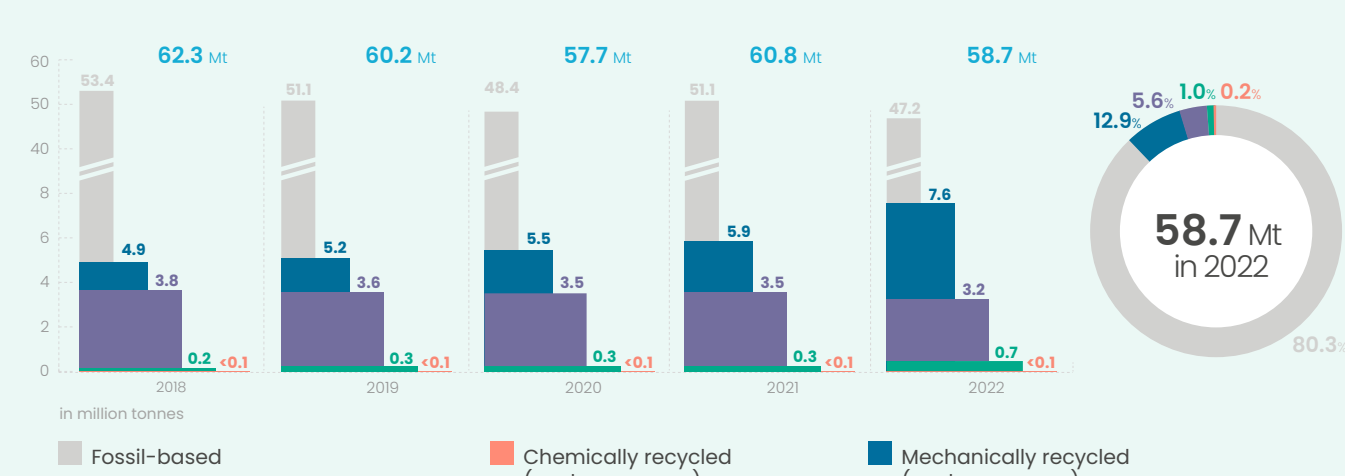
### Bio-based & bio-attributed plastics production by regions of the world



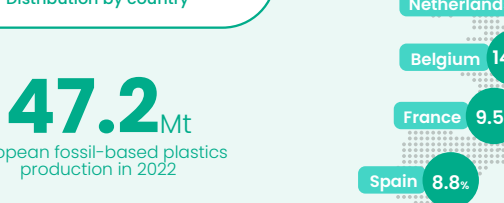
### Post-consumer recycled plastics production (mechanical & chemical) by regions of the world



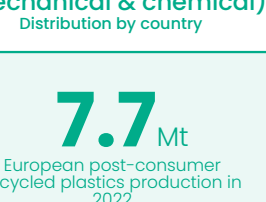
## European<sup>9</sup> plastics production<sup>2</sup>



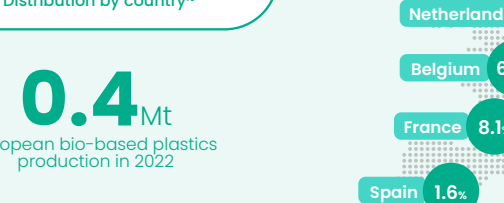
### Fossil-based plastics production Distribution by country



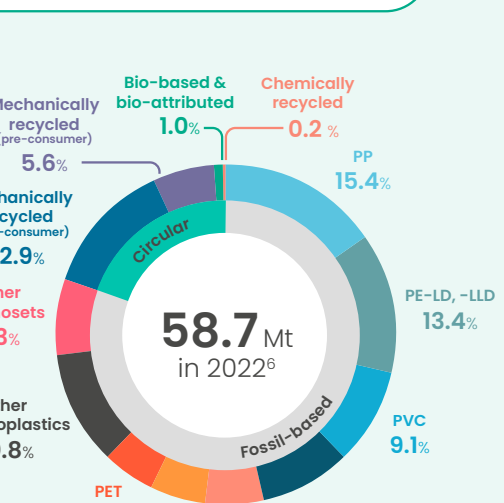
### Post-consumer recycled plastics production (mechanical & chemical) Distribution by country



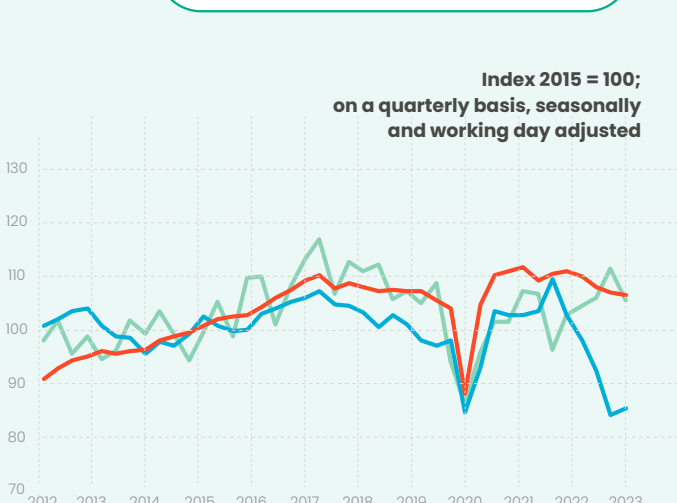
### Bio-based plastics production Distribution by country<sup>10</sup>



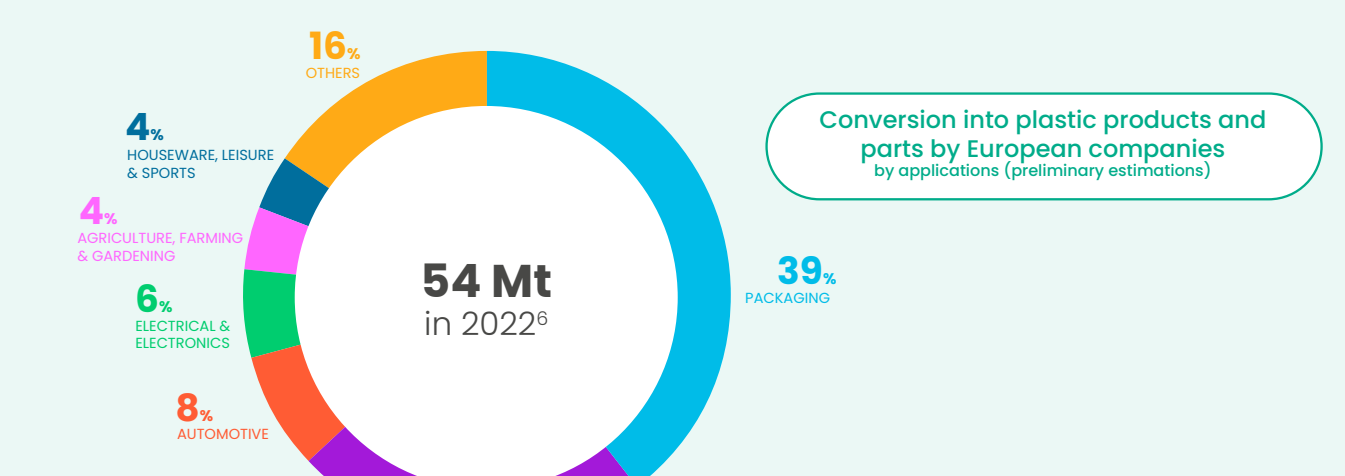
### European plastics production by polymer



### Plastics production industry indexes in EU27<sup>3</sup>



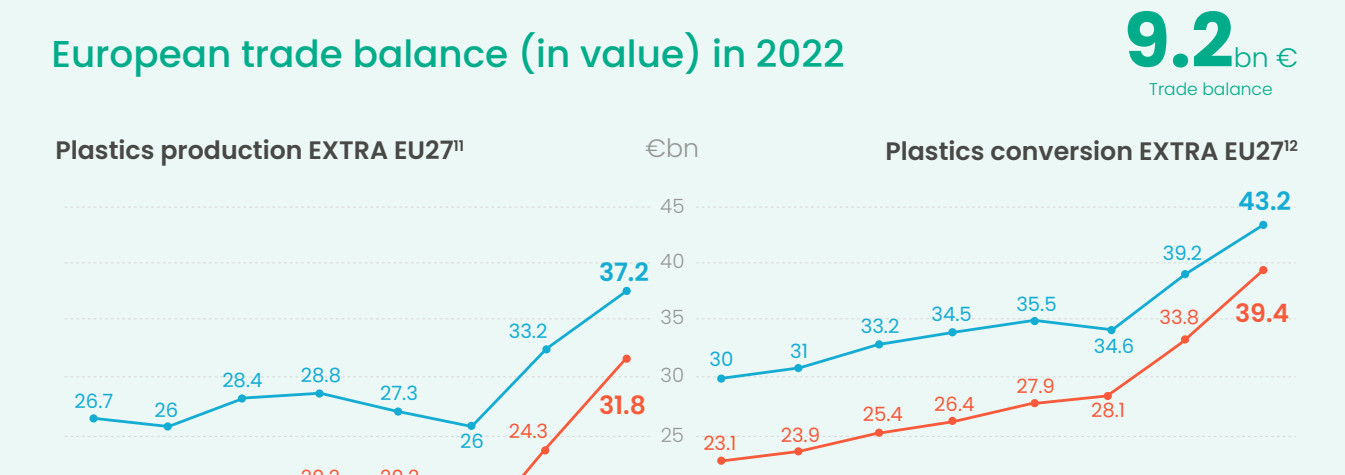
## European<sup>9</sup> plastics conversion<sup>2</sup>



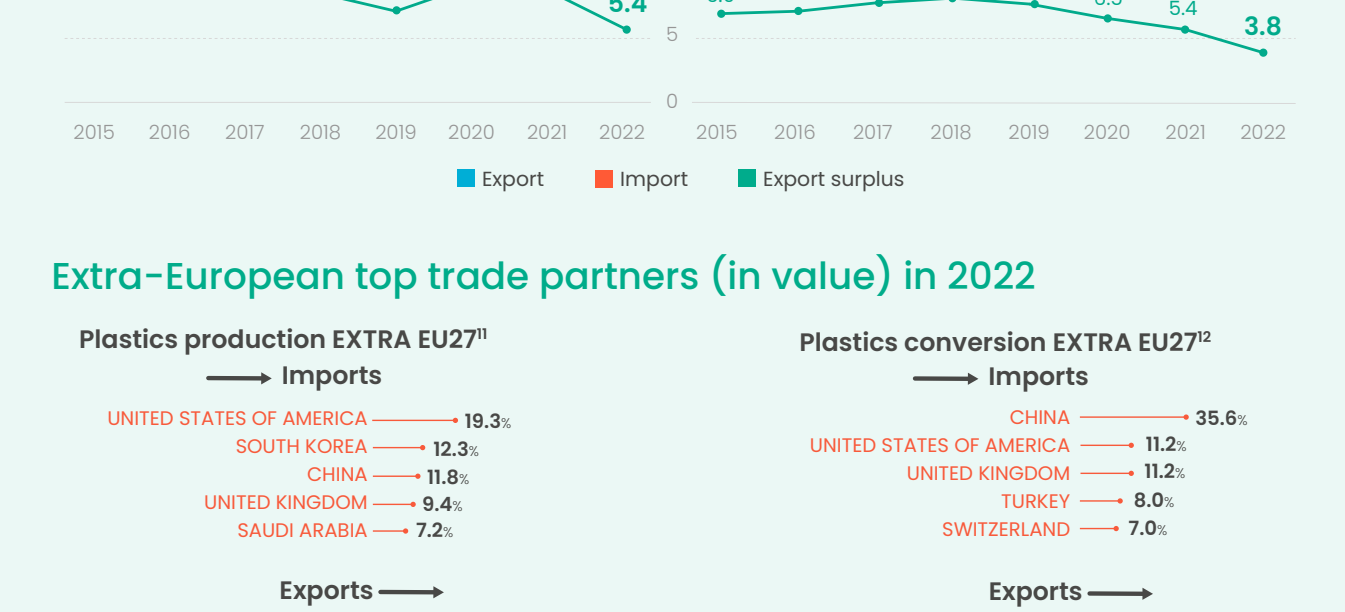
### Conversion into plastic products and parts by European companies by applications (preliminary estimations)



## European plastics trade<sup>3</sup>



### Extra-European top trade partners (in value) in 2022



1. 2022 Plastics Europe estimations – Eurostat official data available until 2020.  
 2. Sources: Converso Market & Strategy GmbH and nova-Institute. Above data are rounded preliminary estimations. Polymers that are not used in the production 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). Includes slightly revised data for the years 2018–2021 based on latest available market information.  
 3. Source: Eurostat, August 2023.  
 4. Data on mechanically recycled plastics had been developed for 2018; data for following years are based on estimations and statistical projections.  
 5. Now only includes quantities used for plastic parts and products.  
 6. Scope including fossil-based, recycled (mechanically and chemically), bio-based and bio-attributed plastics.  
 7. Commonwealth of Independent States: Armenia, Azerbaijan, Belarus, Kazakhstan, Kyrgyzstan, Moldova, Russia, Tajikistan, Turkmenistan and Uzbekistan.  
 8. Includes Asian countries (except China & Japan), Oceania, Turkey and Ukraine.  
 9. EU27+3.  
 10. Due to a lack of available data, bio-attributed plastics production data are not included.  
 11. Official Eurostat denomination: Manufacture of plastics in primary forms  
 12. Official Eurostat denomination: Manufacture of plastic products.

Note: Plastics Europe keeps on adapting its datasets on a continuous basis, in order the best available data that can help to assess and track progress towards sustainability. 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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