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### Erratum

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Correction

# The Unintended Side Effects of Bioplastics: Carbon, Land, and Water Footprints

Janis Brizga,\* Klaus Hubacek,\* and Kuishuang Feng

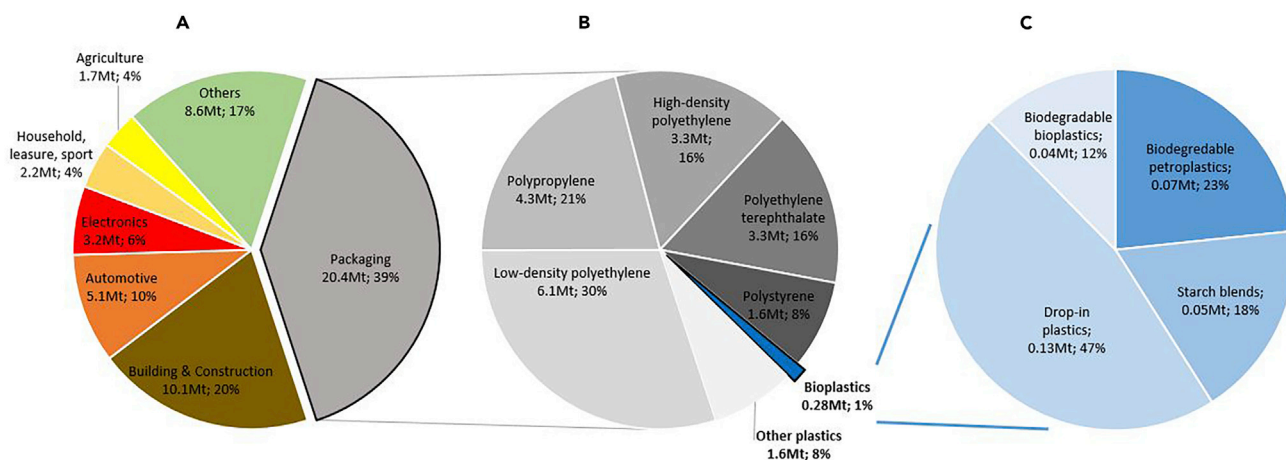
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In the originally published version of this article, the authors inadvertently used global volumes of bioplastics in plastic packaging instead of European volumes for Figure 1C. After noticing this, the authors recalculated European bioplastic packaging consumption, and as such, Figure 1 and its legend have been corrected in the online article (as shown below) to reflect all data sources used for estimating European bioplastic volumes in Figure 1C. In the Experimental Procedures, the Data and Code Availability section has been updated, and the section “Estimation of European Bioplastic Volumes” has been added. Additionally, reference 69 is new, and two incorrect citations of a Table 3 (which is not present in the article) have been changed to Figure 2 and Table 2 on pages 49 and 51, respectively.

These changes do not affect the conclusions of the article because Figure 1 is not used in later calculations; it is rather an illustrative description of the role of bioplastics in the current European packaging market. The authors sincerely apologize to readers for any confusion that may have resulted from this oversight.



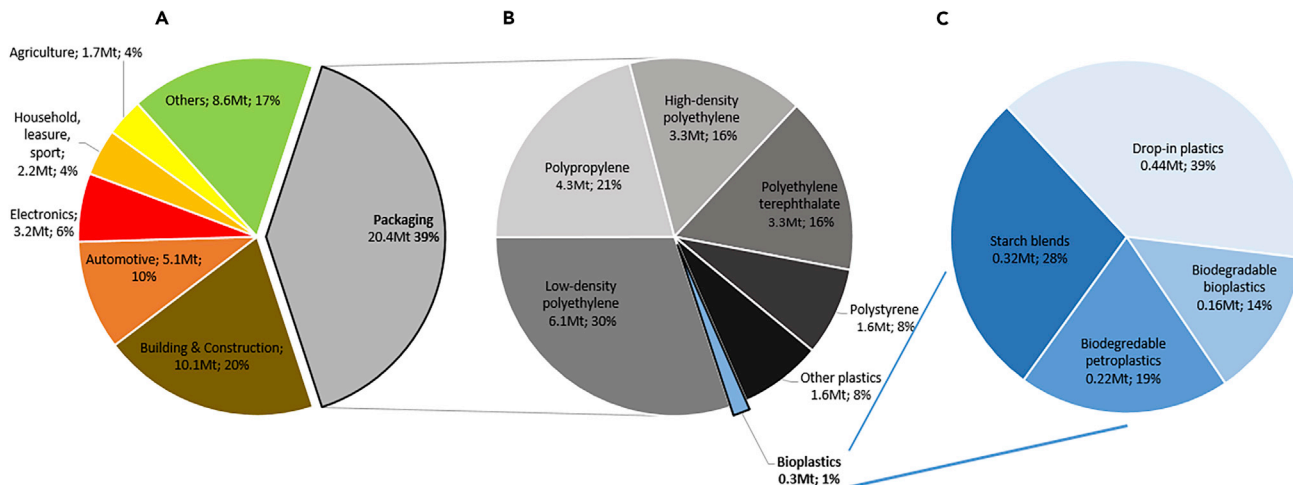
**Figure 1. Volume and Share of Plastic Polymers Use in the European Union (corrected)**

(A) Volume and share of plastic polymers use in European consumption from PlasticsEurope.<sup>3</sup>

(B) Volumes and shares of plastic packaging polymers in Europe from PlasticsEurope.<sup>3</sup>

(C) Estimated volumes and shares of bioplastics in European plastic packaging based on European Bioplastics,<sup>15</sup> Spekrijse et al.,<sup>39</sup> and Byun and Kim.<sup>69</sup> Values are for 2018, in million tons (Mt) and %. For further details on the data sources and calculation of (C), refer to the Experimental Procedures.





**Figure 1. Volume and Share of Plastic Polymers Use in the European Union (original)**

(A) Volume and share of plastic polymers use in European consumption.

(B) Volumes and shares of plastic packaging polymers.

(C) Volumes and shares of bioplastics in European plastic packaging.

Values are for 2018, in million tons (Mt) and %.  
Sources: PlasticsEurope,<sup>3</sup> European Bioplastics.<sup>15</sup>