

**Table S2: Applied data for the waste and recycling potential***Rigid PET packaging waste, Austria 2020*

<b>data name long</b>	<b>data name short</b>	<b>data &amp; source</b>	<b>source</b>
plastic packaging waste generation 2020	PPW <sub>2020</sub>	299,140 t	[1]
separate collection households lightweight packaging 2020	separate collection lightweight packaging 2020	159,131 t	[2]
collection efficiency $c_{eff}$ PET rigid others packaging waste	collection efficiency PET rigid others	55 %	[3]
collection efficiency $c_{eff}$ PET bottles packaging waste	collection efficiency PET bottles	65 %	[3]
collection efficiency $c_{eff}$ PET beverage bottles packaging waste	collection efficiency PET beverage bottles	83 %	[4]
sorting efficiency $s_{eff}$ PET rigid others packaging waste	sorting efficiency PET rigid others	24 %	[3]
sorting efficiency $s_{eff}$ PET bottles packaging waste	sorting efficiency PET bottles	83 %	[3]
recycling efficiency $r_{eff}$ PET rigid others packaging waste	recycling efficiency PET rigid others	78 %	[3]
recycling efficiency $r_{eff}$ PET bottles packaging waste	recycling efficiency PET bottles	83 %	[3]

## References

1. BMK. Bundes-Abfallwirtschaftsplan (BAWP) 2023: Teil 1. Available online: [https://www.bmk.gv.at/themen/klima\\_umwelt/abfall/aws/bundes\\_awp/bawp2023.html](https://www.bmk.gv.at/themen/klima_umwelt/abfall/aws/bundes_awp/bawp2023.html) (accessed on 7 March 2023).
2. Altstoff Recycling Austria. Stoffströme: Sortierung und Verwertung - Rohstoffe erfolgreich im Kreislauf halten. Kennzahlen Materialströme - Circular Economy. Available online: <https://transparenzbericht.ara.at/was-uns-ausmacht/stoffstroeme/#sortierung-und-verwertung> (accessed on 16 March 2023).
3. Van Eygen, E.; Laner, D.; Fellner, J. Circular economy of plastic packaging: Current practice and perspectives in Austria. *Waste Manag.* **2018**, *72*, 55–64, doi:10.1016/j.wasman.2017.11.040.
4. WKÖ. *Gesellschaftliche Verantwortung: Nachhaltigkeitsagenda für Getränkeverpackungen*, 2021. Available online: [https://www.wko.at/service/netzwerke/Umsetzungsberichte\\_zur\\_Nachhaltigkeitsagenda\\_und\\_zur\\_Zusat.html](https://www.wko.at/service/netzwerke/Umsetzungsberichte_zur_Nachhaltigkeitsagenda_und_zur_Zusat.html) (accessed on 16 March 2023).