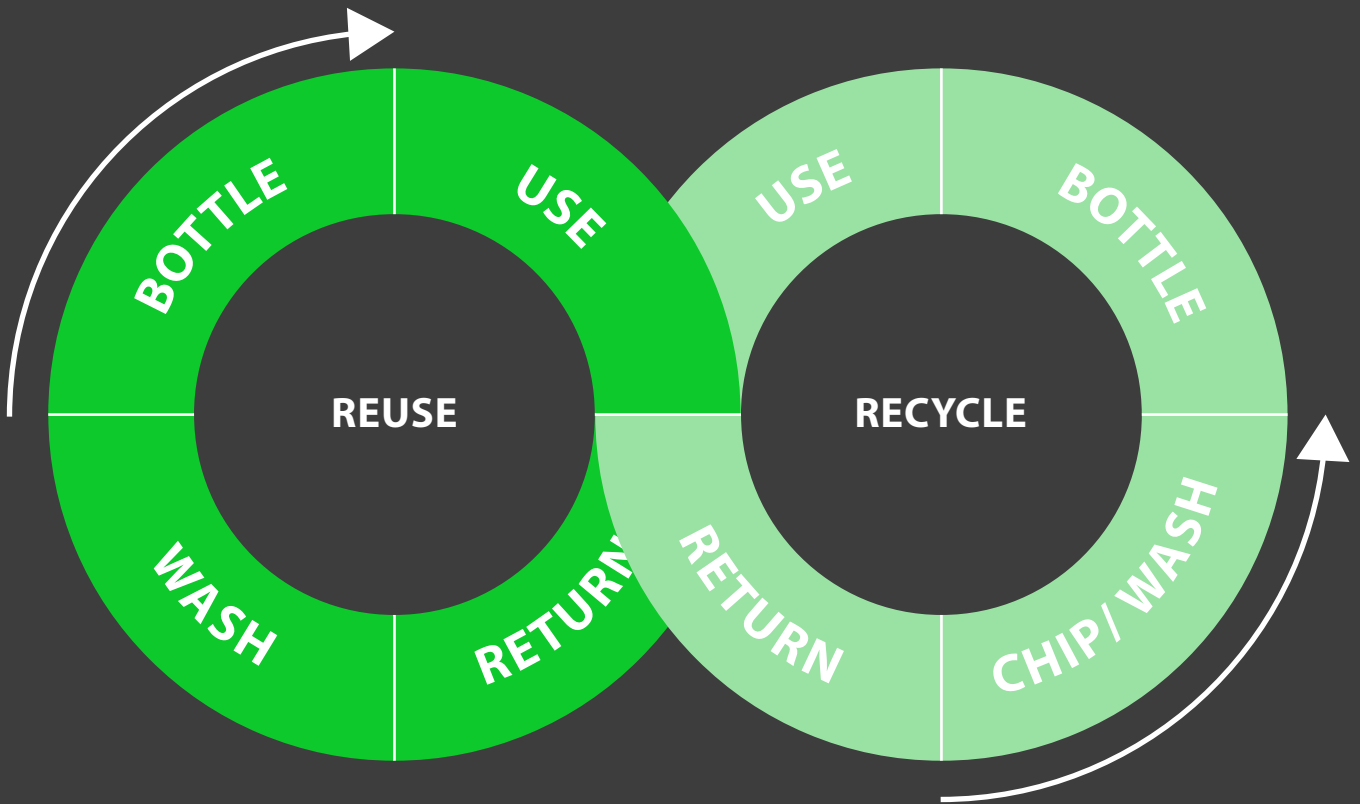


Reuse/Recycle PET Bottles



Alkali washable adhesives

Beardow Adams' alkali washable adhesives support the circular economy and the reduction of single use plastic. Bottles can be re-used up to 15 times thanks to the hot melt being removed completely during a wash off process. The use of this adhesive saves customers from releasing 10 to 15 times more plastic PET bottles into the world and its resulting waste.



Reuse stage

Returned PET bottles are soaked in an alkaline solution, allowing bottles to be separated from their labels and the adhesive, before being returned to the market. This reuse loop can take place between 10 to 15 times.



Recycle stage

Once a PET bottle has been re-used, it can then be crushed into bales, chipped into flakes and washed in another alkaline solution so it can be turned into a completely new bottle, forming a closed recycling loop system.

