

The diagram illustrates recycling plastic bottles, which starts from collecting used bottles and ends with producing end products.

As clearly can be seen, there are nine various stages in this process to form a complete cycle involving specific machinery, storage rooms, and skilled workers.

First of all, glass bottles are accumulated inside trash bins around the city. After that, trash bins are collected by city trash collectors. The piled trash then gets sorted by hand, and the plastic bottles are classified and moved into a separate section. At this point, bottles get compressed into dense blocks using heavy machines. The procedure is continued in the crushing stage, where the blocks are dropped into crushers to convert them into plastic pellets.

Subsequently, the crushed pellets are passed through a liquid tank to get washed. Then, a furnace is needed to form raw material from the clean plastic bits. These unfinished products are stored in mass inside warehouses and wait to be processed further into end products such as T-shirts, plastic bags, etc.