

Why should we pay special attention to recycling plastic?

Used and discarded plastics can be recycled into plastic resins that are then used to produce new materials. It's important to recycle plastic because of the many valuable benefits:




1 Extends the life of plastic

Recycling plastics is an effective way to extend the life of plastic by using it more efficiently. Most recycled plastics are PET and HDPE as they are more compatible with current recycling technologies and processes.



2

Saves the environment

Recycling of plastic  **1 ton** = **7.4** cubic of landfill space. saves about

This reduces pressure on existing landfills and the need to find additional space for new landfills, while lowering the amount of plastic residue that can get into the environment.

3

Saves energy

Recycling one ton of plastic can save 16.3 barrels of oil, equivalent to 5,774 Kwh of energy.



4

Creates jobs

Recycling plants use advanced technologies to handle large volumes of materials and create employment opportunities. GC and ALPLA recently teamed up to invest in a recycling business to produce high-quality recycled plastic resins, starting with rPET and rHDPE, using advanced manufacturing technologies that meet international standards. The new recycling plant means new jobs for the community and will fulfill GC's operational cycle in response to the Circular Economy.

"GC is committed to promoting the efficient use of plastics, ensuring their maximum benefits in line with the concept of the Circular Economy"
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