



# Planet Green

recycling redefined...

your partner for all recycling needs...





# About Planet Green Recycling...

**Planet Green Recycling** (L.L.C) is an ISO 9001:2015 certified destruction/ recycling facility located in Dubai approved by Dubai Economic Department and Dubai Municipality.

**Planet Green Recycling** started its operations in Dubai, United Arab Emirates in January 2019 with a commitment to save our society from waste accumulation originating from multiple sources.

The infrastructure of **Planet Green Recycling** meets the industry benchmarks with its most modern machinery installed and strictly adhering to the environment friendly disposal practices set by Dubai Municipality and other federal bodies.

**Planet Green Recycling** provides an end to end solution in the field of waste management and recycling. We cater our services to different verticals which includes Multi-National Companies, Corporates, Small and Midsized Business (SMB), Supply Chain Companies, Retailers, Government Departments and Residential communities.

Our recycling process starts from the collection of below mentioned materials from clients and getting the same destructed and segregating the items based on its category.

Items which we collect or receive from our clients include:

- ◆ Aerosol and Pressurized cans.
- ◆ Expired/ damaged Personal & Beauty care products, Cosmetics and Perfumes.
- ◆ All sort of Electrical and Electronic waste (Ewaste)
- ◆ Fabric and Textile waste.
- ◆ Glass waste including bottles (except windowpanes, heat-resistant glass, mirrors and construction glass).
- ◆ All types of metal waste consisting of galvanized iron (GI), mild steel (MS), aluminum, steel, copper, brass etc.
- ◆ Paper, Cardboard, Thermocol and Plastic waste like empty jerry cans, other PET & HDP category items.
- ◆ Obsolete inventory including end of life products that were unsold or discontinued.

Upon reaching our facility the above-mentioned items undergo sorting, segregation and safe processing (including destruction and disposal). Segregated materials like paper, cardboard, thermocol, plastics, glass, metals etc. will be forwarded to respective centers where these items will get converted into reusable items or as raw materials for manufacturing new items.

We also provide onsite and offsite destruction of storage media like Hard Disk Drives, CD's, DVD's, USB Drives, Magnetic Tapes and other confidential documents.

Being a Dubai Municipality approved entity, we assure our clients that the materials reaching our facility will be processed by following the industry best practices (both manually and with the help of modernized machinery) thereby ensuring safe disposal of waste materials and completing the cycle of waste management process. We ensure that the waste items collected by us will not end up in landfill.

Upon completion of the process, we provide our clients the destruction/ recycling certificate against the items received from them and processed which helps them in achieving their Corporate Social Responsibilities (CSR) for keeping our environment clean and green thereby protecting our planet.

## E-waste recycling...

The rapid expansion of technology resulted in the creation of large amount of Ewaste every day. Used items such as large and small household appliances, IT equipment's, Consumer electronics, Battery operated toys, Electrical tools, Medical devices, Monitoring and Control instruments etc. are some of the items which falls under this category. If not disposed properly, majority of these products end up in landfills and lead to several environmental impacts. Reuse and refurbishing of E-waste offers a more environmentally friendly and socially conscious processes.

The advantages of manual recycling process help to recognize and save working as well as repairable parts including processors, other chips, RAM, power supply modules, display panels etc. At Planet Green Recycling, we collect all types of Ewaste from our clients and transport the same to our recycling facility. Items of reuse nature will be refurbished. Items which cannot be reused will be dismantled, sorted and separated into metal parts, printed circuit boards, electronic components, electrical parts, plastic, glass etc. and are forwarded to remanufacturing facilities where these items will be converted into usable or new items.



## Data destruction...

Data is the most sensitive information of a person or company. We understand the seriousness of data stored on hard disk drives, CD's, DVD's, magnetic tapes and other forms of electronic and print media. It is everyone's responsibility to ensure the confidentiality of these information and need to take necessary steps to avoid any risk. An issue with a data breach can be very expensive, both financially and for the reputation of company. This is the reason why it is very important to permanently destroy data on any sort of storage media which is no longer needed or when the equipment becomes obsolete so that it doesn't fall in wrong hands.

At Planet Green Recycling, we understand the risk, seriousness and consequences of data breach and ensure that the data stored on hard disk drives, CD's, DVD's, magnetic tapes and other forms of electronic media are destroyed so that it is completely unreadable and cannot be accessed or used for any purposes.

We provide onsite and offsite destruction of storage media like Hard Disk Drives, CD's, DVD's, USB Drives, Magnetic Tapes and other confidential documents printed in paper.



## Personal care products and Cosmetics recycling...

The role of beauty and personal care products is very important in our daily lives. As per the reports, consumers in UAE spend more on cosmetics and beauty/ personal care than any other country in the Middle East. The use of personal care products is not gender specific. It's associated with the lifestyle followed by individuals. The range of personal care includes products such as colognes, deodorant, eye liner, hair clippers, lip gloss, lipstick, lip balm, lotion, makeup, hand soap, facial cleanser, body wash, nail files, pomade, perfumes, razors, shaving cream, moisturizer, toothpaste, facial treatments, wet wipes, shampoo, sunscreen etc.

All these products come with an expiry date. Expired beauty products are less effective and can even cause health issues like infections and irritation. Because of these reasons, we can't use these items upon expiry.

Planet Green Recycling collects personal care/ beauty products in bulk quantity which are expired or got damaged during transit. These items will be taken to the facility where the packaging and contents are separated, segregated and destroyed. Recyclable materials like plastic, metal, glass etc. are forwarded to companies who in turn will clean these items and reuse as raw materials for manufacturing new/ recycled products.



## Metal waste processing...

Metals are used for industrial as well as for domestic purposes. After some years these metals will get classified as scrap metal. The good thing about metal is that the same can be recycled over and over without altering its properties. Some of the most common recyclable metals include aluminum, steel, brass, copper etc. Recovery from scrap metal or end-of-life products or structures can be introduced as a raw material in the production of new goods. The other metals like silver, gold and platinum etc. are present in components used in computers, mobile phones and other electronic devices. Even though the percentage of these precious metals are less in these devices, machineries are available to extract these precious metals from these components. By recycling metals, we preserve our natural resources, reduce carbon dioxide emissions in the atmosphere, and can save a lot of money that could be spent on mining and processing of metals.

We at Planet Green Recycling, collect metal scrap and transport it to our facility where these metals will be segregated based on its nature and quality. The sorted metals will be forwarded to manufacturing facility where it gets processed and converted into new products.

## Pressurized and Aerosol Cans Recycling...

Pressurized/ Aerosol cans are used at homes and offices (filled with deodorants, hair sprays, cleaning products and insect sprays etc.). What happens to an aerosol can after it becomes empty or has reached its useful life. As the pressurized air inside these cans may be potentially hazardous, throwing these cans into garbage could be risky as this may explode when crushed in the landfill. These cans are made of either aluminum or steel and can be recycled same as other metals which gets converted into new metal products. Earlier days, aerosol cans were said to be harmful to the environment. However, that is not the case now. Today's aerosol cans are manufactured in a way that makes them completely recyclable with the least negative environmental impact.

Pressurized/ Aerosol cans needs to be recycled properly once it becomes empty. Proper disposal guidelines need to be followed while performing this activity. At Planet Green Recycling, we have the facility of recycling pressurized/ aerosol cans. Most aerosol cans come with a plastic cap, which should be removed and recycled separately.

If your business have a decent quantity of Pressurized/ Aerosol cans that still have contents in them, but you would like to dispose them responsibly, we can help you out.



## Glass waste recycling...

Glass waste is another major component of waste. Items like bottles, jars, glassware etc. falls under this category. Glass bottles and jars are 100% recyclable and can be recycled endlessly without any loss in purity or quality.

There are environmental, economic and social advantages of recycling glass. These advantages include conserving valuable natural resources and raw materials used in industry. Making products from recycled materials creates less air and water pollution than making products from virgin materials. Saving energy reduces global warming and air pollution. Making products from recycled ingredients often uses much less energy than producing the same product from raw materials. Saving landfill space is another major advantage.

At Planet Green Recycling, we collect almost all types of glass and bottles (except glass from light bulbs, windowpanes, heat-resistant glass such as Pyrex or borosilicate glass, mirrors and construction glass). The glass waste collected are transported to our facility where it gets separated based on the color (clear, green, amber etc.). The segregated glass waste will then be forwarded to glass manufacturers where it will get cleaned, crushed, remelted and used for making new glass items.



## Plastic waste recycling...

Plastic being an inseparable part of modern society, their safe disposal is a big and highly challenging issue. We understand this concern and assist companies/ organizations by collecting plastic waste from them. Large volume of plastic waste generated every day can usually be recycled into secondary raw materials. The characteristic feature of plastic is its ability to be reused for technologically less demanding products than those for which it was originally used.

Major percentage of plastic is recycled from waste packaging. At Planet Green Recycling, we collect different types of plastics like PET (plastic bottles and plastic packaging for storing beverages), HDPE (plastic bottles for liquids in non-food industry), ABS (mostly products of higher strength and resistance to external influences) and PVC (most commonly used type of plastic which is being replaced by more environmentally friendly materials due to its chlorine content). The plastic waste collected will be transported to our facility where it will be manually sorted based on its category and will be stored in different bins/ containers. Waste plastic which falls under PET will be compacted with the help of baling machine for easier handling and transportation. These containers/ skips will then be sent to reprocessing centers where these materials are converted into useful products.



## Brand protection/ destruction of counterfeit...

We find that most fraudulent goods originate from overseas. Confiscated goods are objects that have been seized because they do not have the necessary paperwork, or brought here through illegal trade, or are prohibited from being imported to this country.

The disposal and destruction of these counterfeit goods seized by the agencies must be done in an appropriate and environmentally safe manner that requires specialized facilities and expertise. For many companies and brand managers, disposal and destruction of these counterfeit goods is not just for peace of mind. There is also a legal requirement to ensure that counterfeit products have been destroyed so that the same cannot re-enter the market.

We at Planet Green Recycling collect these materials and ensure that these products will be destroyed at our facility. This practice will safeguard your product and brand name. We are happy to accommodate the team who wish to witness the destruction of these materials at our facility. If required, we can offer our clients the record against destruction of these items. To provide further assurance we issue a certificate of destruction.



## Paper and cardboard recycling...

Why throwing your wastepaper into garbage which can be recycled. Wastepaper is the most important raw material for paper industry since more and more paper is recycled. Recycling paper has several benefits both for humans and the earth as it saves energy, water and landfill space. Also recycling wastepaper reduce carbon dioxide emissions and cost-saving resource for making new paper products.

Similar is the case with cardboard as this can be recycled many times. Most cardboard can be recycled, such as boxes, plates, fiberboard and paperboard. But contaminated cardboard with grease or oil (such as pizza-box) can't be recycled into high quality cardboard. Wet cardboard is also not recommended for recycling.

At Planet Green Recycling, we collect paper and cardboard for recycling and reuse. The paper and cardboard thus collected will be segregated depending upon the composition and extent of deterioration. The paper and cardboard segregated will be compacted with the help of baling machine for easier handling and transportation. This paper and cardboard will be shipped to facility where it gets converted into finished products and are being reused.



## Fabric & Textile waste recycling...

We understand that the garments and other products such as shoes, wallets, belts, purses, backpacks, soft toys, stuffed animals, caps etc. are being used by us in our daily lives. After usage, these products become waste thereby polluting our environment. If dumped in landfills, the mentioned products (including natural fibers and synthetic textiles) can take many years to decompose. Also, they release toxic substances such as methane and carbon dioxide into the atmosphere and to surrounding soil and groundwater.

Textile recycling is the best option by which old clothing and other textiles are recovered for reuse or material recovery. It is the basis for textile recycling industry. The importance of recycling fabric and textiles is increasingly being recognized. The environmental benefits of fabric and textile recycling includes the decreased landfill space, use of virgin fibers, reduced consumption of energy and water, avoid pollution and less demand for dyes.

Our goal is to increase the amount of textile waste that can be recovered and at the same time develop new uses, products, and markets for products derived from pre-consumer and post-consumer textile waste.



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