



SUSTAINABLE
PLASTIC
RECYCLING
IN MONGOLIA

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GRANTS PROGRAMME



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WASTE SORTING

GUIDELINES FOR OFFICES

DEDICATED FOR OFFICE USE

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WASTE SORTING

GUIDELINES FOR OFFICES

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10 REASONS TO SORT WASTE

Waste recycling has a significant impact on the environment, society and the economy

1. REDUCES LANDFILLS

When we recycle, less amount of waste is sent to landfills, and the area of existing landfills can be reduced by 10-20%. Our efforts will further prevent air, soil, and water pollution caused by emissions and infiltration from landfills.



2. REDUCES CARBON FOOTPRINT

Recycling reduces greenhouse gas emissions as the use of secondary raw materials prevents the extraction, refinery and processing of primary raw materials that generate a significant amount of greenhouse gas emissions.

3. CONSERVES ENERGY AND NATURAL RESOURCES AND REDUCES BUSINESS COST

Recycling one kilogram of plastic bottles can conserve enough energy to light a 10W light bulb for up to 20 days.



4. CONSERVES NATURAL RESOURCES

Recycling prevents the extraction of minerals, use of forest and water resources and natural habitats. By using recycled materials to make new products, we help to conserve natural resources for the future.



5. CREATES JOBS



It creates new jobs in the recycling sector and in places where recycled products and recycling-related materials are produced and sold.

7. REDUCES HEALTH RISKS



Recycling will reduce the risk of respiratory, cardiovascular, gastrointestinal, immunological, chronic and psychological diseases that can be caused by toxic substances emitted from waste.

9. PRESERVES NOMADIC CULTURE



Mongolian nomadic culture is deeply engrained in preserving nature and a lifestyle with the less ecological footprint. Sorting waste and recycling will awaken this culture and help to pass it on to the next generation.

6. PREVENTS GROUNDWATER CONTAMINATION



Reducing waste generation prevents soil contamination and potential leakage into the groundwater. Mongolia is considered to be significantly dependent on groundwater resources in the future.

8. ACCELERATES TECHNOLOGICAL PROGRESS AND INNOVATION



Waste sorting and recycling accelerate technological progress to create a sustainable future.

10. SUPPORTS SOCIAL AND ENVIRONMENTAL RESPONSIBILITY



Businesses with high social and environmental responsibility attract more customers and investors.

HOW TO SORT WASTE?

Although the recycling companies require waste to be segregated into several categories and grades, recyclable waste can be sorted into four main categories (plastics, paper, glass, cans) at the workplace. To involve as many individuals and organizations as possible, it is best to first start with simple actions.



- BEVERAGE BOTTLES,
 - BEAUTY PRODUCT PACKAGING,
 - MEDICINE PACKAGING
- LABELED **PET** (HARD)

- CLEANING PRODUCT PACKAGING
 - BEAUTY PRODUCT PACKAGING LABELED
- HDPE** (HARD)

- THICK SOFT PLASTIC BAGS
 - BEAUTY PRODUCT PACKAGING LABELED
- LDPE**

- PRINTING PAPER,
- CARDBOARD,
- TOILET ROLLS,
- EBARIMT RECEIPTS

- SODA CANS,
- BEER CANS

- ALL SORT OF GLASSES AND MIRROR (EXCEPT CAR GLASSES)



CLEANED OUT THOROUGHLY, LABELS AND GLUE REMOVED, CAPS REMOVED, COMPRESSED

CLEANED OUT THOROUGHLY, LABELS AND GLUE REMOVED

MUST BE CLEANED WELL, NOT CRUNCHY SOUNDING

NOT GREASY OR OILY, NO COATED PAPER

ALUMINIUM CANS ONLY

LABELS AND STICKERS REMOVED, THOROUGHLY CLEANED

3 HOW TO GET RECYCLABLES TRANSPORTED SEPARATELY?

Follow the next steps for the transportation of recyclables.



STEP 1

First of all, prepare the waste containers for the temporary storage of the recyclables. If your organization does not have such containers/bins and need detailed information on the types of bins that need to be prepared, please refer to the “Waste Sorting Campaign” organized by the City Municipality at +976 7008444 (<https://www.facebook.com/hogooangilya>).

STEP 2

After accumulating sorted recyclables, please check if transportation of the sorted waste can be organized with your regular waste service provider (TUK).



STEP 3

If step 2 is not possible, please contact the following entities and individuals for transportation. For transportation of specific types of recyclables:

The service fee is MNT 30'000-40'000 per transportation, and it can come for transportation without any requirement on the minimum amount of recyclables. It is recommended to encourage neighbouring organizations to sort their waste so that transportation can be arranged together, and the service fee can be divided amongst the organizations.

The following collection points can transport waste in specific districts without getting fees if enough recyclables are accumulated (more than 1 ton of sacks):

Collection point №1

+976 8870-4841 in Bayanzurkh and Sukhbaatar districts

Collection point №9

+976 99991712 in Songinokhairkhan district

Collection point №82

+976 88709002 in Chingeltei district

Collection point №10

+976 88165252 in Khan-Uul district

Collection point №59

+976 88080373 in Nalaikh district

GLASS, CANS AND PLASTICS

Mog Plastic LLC

fb.com/mogplastic

+976 88773223, +976 80076550

(The transportation service fee will be negotiated with each company depending on the amount of waste.)

PAPER

Eco City Selection LLC

fb.com/profile.php?id=100072659794415

+976 98112689, +976 86818123

(The transportation service fee will be negotiated with each company depending on the amount of waste.)

ALL TYPES OF RECYCLABLES

Tuvshin Saikhan Center

fb.com/tuvshinsaikhancenter

+976 9668 5858



STEP 4

Another way to dispose of sorted waste is to transport recyclables to nearby collection points out of the above-mentioned points with your vehicle. If you bring recyclables to the collection points, you will get compensation for the recyclables based on their weight.

ALTERNATIVES FOR REDUCING WASTE

Implementing the 5R concept at your workplace is an important action in reducing waste that will end up in landfills and saving resources for individuals and offices.



REFUSE

The refusal method is the most effective way to prevent materials and products from entering your workplace in the first place as it eliminates waste. For example, consider refusing unwanted free products at trade shows and conferences, single-use disposables in the offices such as cutlery, plastic bottles, lunch boxes, etc.

REDUCE

If you can't refuse, reducing is the next priority. By lowering the consumption of waste-producing goods, you'll help reduce the number of items that end up in the trash or recycling bin. Note the following suggestions to reduce office waste:

- Reduce the use of paper;
- Buy office supplies in bulk and purchase products that have little or no packaging;
- Stock the office cleaning supply closet with non-toxic and biodegradable cleaning products;
- Turn on energy-saving settings on office computers;
- Encourage employees to use responsible transportation means (carpooling, biking, walking, etc.) to work.



REUSE

Reusing items that you already have at the office rather than buying new versions. When purchasing products, focus on reusable products instead of disposable or single-use ones. Follow the tips below for encouraging sustainability at the office using the reuse principle:

- Use reusable water cups or bottles instead of plastic bottles;
- Stock the break room with reusable plates and silverware instead of disposable paper plates and plastic cutlery;
- Refill your printer cartridges instead of buying new ones;
- Reuse boxes and packaging material from the mail for future packages;
- Purchase hand towels for the office kitchen instead of using paper towels;
- Repair broken or faulty office equipment and other items;
- Donate unnecessary office items to someone who can reuse them.



REPURPOSE

Repurposing is another way to extend the lifecycle of materials by using them for a different purpose. Here are a few tips for practicing this sustainability tip in the workplace:

- Take office cardboard, paper towels, or toilet paper tubes home to use them as crafts for kids;
- Repurpose trash-bound office paper for scrap paper or games like Pictionary;
- Use paper or Styrofoam to-go cups as a plant watering can.

You can also repurpose office/household items at work. Many home products end up as waste, but with a little ingenuity, they can make for handy office supplies. Getting creative with items you'd usually toss in the trash can help make your office more sustainable.



RECYCLE

Recycling is the last option of the 5R hierarchy of sustainability because it should be the last resort in a green-minded office.



CONTACT INFORMATION OF ENTITIES AND COMMUNITIES IN THE WASTE MANAGEMENT SECTOR

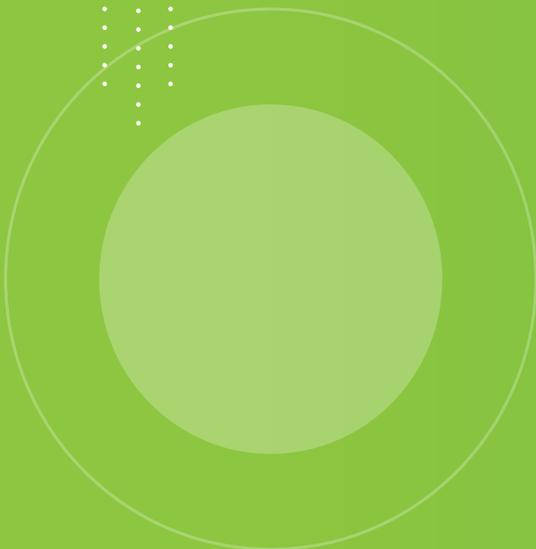
I. RECYCLING COMPANIES

| Nº | Company name | Type of secondary raw materials | Products | Phone number |
|----|------------------------------|---|---|--------------------|
| 1 | Od Plastic LLC | HDPE, PE, LDPE | HDPE pellet and bin bag | 99028866 |
| 2 | Khev Khashmal Khuvantsar LLC | HDPE, PP, PE | PP, PE pellet, different types of molded plastic products including construction spacer moldings, chair, household goods, souvenirs | 99823222 |
| 3 | Ansekhe LLC | HDPE, PE, PP | Electrical conduit, (HDPE) | 99111964 |
| 4 | Serten Khangai LLC | HDPE, PE, LDPE | HDPE pellet and bin bag | 91913358 |
| 5 | Metroplast LLC | HDPE, PP | Vacuum window frame, water pipeline | 99110360 |
| 6 | San-Orgiu LLC | PE, LDPE | Chairs, fences, trash bins, trench covers and speed bumps etc. | 99093849 |
| 7 | Ider Iveelt LLC | HDPE, LDPE | HDPE pellet and bin bag | 88940094 |
| 8 | Plastic Center LLC | LDPE, PE | Latrine lining, outdoor chair, well equipment, trench cover, plastic floor, different types of molded plastic products | 88104308 |
| 9 | Ter Ikh Nuur LLC | PVC | Water pipeline | 91917077, 98087077 |
| 10 | TML LLC | PET, LDPE, HDPE, cans, cardboard, aluminium alloy | PET container, test tube | 88881399 |
| 11 | Multipack LLC | LDPE, PE | Plastic shrink wrap | 99119078 |
| 12 | Sod Tum LLC | HDPE, PE, PP | Electrical conduit, (HDPE) | 99137896 |

| № | Company name | Type of secondary raw materials | Products | Phone number |
|----|--------------------------|-------------------------------------|---|--------------|
| 13 | Tumen Egshig LLC | LDPE, HDPE, PP sacks | Pellet | 99110428 |
| 14 | OB plastic LLC | LDPE, PE | Plastic bags and packaging, printed and shrink wrap | 99114200 |
| 15 | Tsetsuukh Trade Co. LTD | HDPE, HDPE, PP, PE | Pellet | 99112108 |
| 16 | Green plastic UB LLC | LDPE, PE | Bin bag, plastic packaging | 91039003 |
| 17 | JBS LLC | LDPE, PE | Plastic shrink wrap | 88680033 |
| 18 | Inahis LLC | Waste tire | Rubber tiles | 99115097 |
| 19 | Peace Steel Group LLC | Aluminum alloy | Boat weight balancer | 9958808 |
| 20 | MSRT LLC | Scrap wood | Skewer fuel | 99115011 |
| 21 | HBOil JSC | Used motor oil | Engine oil, M-100 fuel oil | 88119740 |
| 22 | MonPT Oil LLC | Used motor oil | M-100 fuel oil | 99054755 |
| 23 | Altayn Khargia LLC | Scrap skin of livestock | Gelatine, glue | 99116508 |
| 24 | Eco Taikhi LLC | Slug of waste water treatment plant | Compost fertilizer | 80102022 |
| 25 | Nogoon Gazar Trading LLC | Polystyrene foam | Polystyrene board, block | 99118514 |
| 26 | TJN Recycling LLC | Organic waste | Compost fertilizer | 88880150 |
| 27 | Ulemj Khuder LLC | Used lead acid batteries | Ingot of lead | 99089969 |
| 28 | Altan Orshikhui LLC | Used motor oil | Diesel fuel, M-100 fuel oil | 99774277 |

II. CONTACT INFORMATION OF NGOS AND COMMUNITIES IN THE WASTE MANAGEMENT SECTOR

| | |
|---|--|
| Mongolian Sustainable Development Bridge |  8000 3489  /MongolianSustainableDevelopmentBridge |
| Caritas Czech Republic |  7013 5899  /CaritasCzechRepublicInMongolia |
| Ecosoum |  8014 2043  /Ecosoum |
| Mongolian National Recycling Association |  8911 6570  /MongolianNationalRecyclingAssociation |
| Mongolian Plastic Recycling Association |  9982 3222 |
| Mongolian Hazardous Waste Management Association |  7017 0399  /monhazardous  Аюултай Хог Хаягдлын Холбоо |
| Be Colorful NGO |  9900 2058  /UnguNem |
| No Plastic Mongolia NGO |  9510 4373  /NoPlasticMongolia |
| Think Green Club |  8088 1308  /ThinkGreenMongolia |
| Let's Reduce Waste Community: |  /groups/2127875217449095 |
| Let's Sort Waste Community |  /groups/HogooAngiljUnguNem |
| Zero Waste Mongolia Community |  8000 3489  /Zero-Waste-Mongolia-1840169412869327 |
| Zero Waste Club |  9983 3629  /ZerowasteClubMn |
| Let's Sort Waste at Source Community |  7000 2444  /groups/1651914868202992 |
| 3R4UB Project |  /3R4UB |
| UB Solid Waste Management Project |  7011 1220,  Эерэг давалгаа – UB Waste |
| UB Food Waste Project |  www.ubfoodwaste.mn |
| Waste Sorting Movement |  9910 1315  Хогоо ангилах хөдөлгөөн |



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