



USAG Stuttgart

Handbook for Waste Disposal

OFF-POST



Handbook for Waste Sorting - Off-Post

Counties of Böblingen, Esslingen, Ludwigsburg, and Stuttgart

Version July 2019

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Introduction

Principles of **reduce, reuse, recycle** underlie policies established in Germany to foster sustainable materials management. The **Closed Substance Cycle and Waste Management Act**, first published in 1994, was designed to integrate product responsibility into economic decision-making, with the aim of building a life cycle economy that avoids the generation of waste.

The Act states that whoever produces, markets and consumes goods is responsible for the avoidance, recycling, reuse, and environmentally-sound disposal of waste. As a result, it establishes a hierarchy of avoidance, recovery, and disposal that emphasizes waste avoidance, promotes low-waste products, and provides incentives for waste recovery practices.

Properly sorting and recycling waste in turn:

- ⇒ Saves energy
- ⇒ Reduces air pollution
- ⇒ Decreases greenhouse gas emissions
- ⇒ Saves money

Your participation is vital for the success of all recycling efforts!
Making small changes in your daily life style will reduce waste!

REDUCE the amount of trash discarded, e.g., choose products with less packaging. Choose loose fruit, cheese, and meat. Buy products in glass jars and tins which can be recycled. Use "Bags for Life" available at supermarkets.

REUSE packaging materials, containers and products, e.g. give unwanted clothes, books, toys, and household items to friends or charities. Reuse old carrier bags when at the supermarket. Use both sides of a sheet of paper.

RECYCLE materials that can be reutilized, e.g., make use of your local recycling center. Recycle your garden waste at home in a composter. Close the loop, buy recycled products.

Recycling at USAG Stuttgart

Recycling has become very important because disposal fees are rising and awareness of the value of the materials we use for packaging has increased. Waste has become a secondary raw material. We should all work together in order to comply with local Host Nation laws and U.S. Army regulations. Like it or not, garbage is everyone's business. We all generate it, handle it, and pay to dispose of it.

This booklet will provide you with information of the recycling program of the various counties in and around the city of Stuttgart. Be sure to check out what is applicable in your respective county and comply to the appropriate disposal requirements. With this information to use as a guide, you will have a better understanding of the different disposal requirements and be prepared to properly manage and dispose of waste per your county guidelines. Your active participation is needed to make the program work.

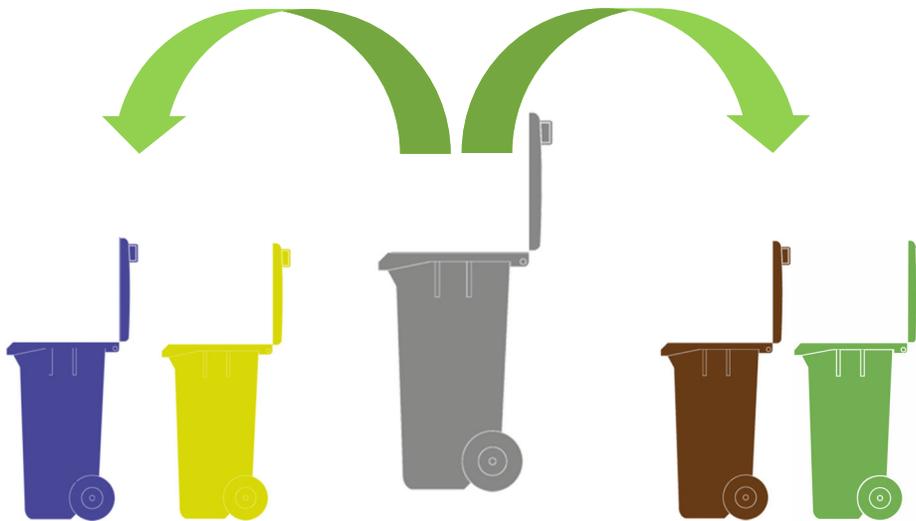
According to the USAG Stuttgart Policy Letter # 59, Illegal Dumping of Trash, it is prohibited to bring trash, recyclables, or any type of item generated off-post and disposing of them on-post at any USAG Stuttgart installations.



- ⇒ Take pride in our environment.
- ⇒ Participate and recycle.
- ⇒ Do it for the future.
- ⇒ Be good stewards as the U.S Forces residing in our Host Nation!

Who, What and How

- Who** Everybody must participate in recycling.
- What** All wastes which can be reused needs to be recycled, like paper, glass, metal cans and plastics.
- How** Separate and sort recyclable materials from normal trash and by place them in the proper containers.



- ⇒ Most wastes produced are recyclable; unfortunately, recycling is not always realized and this leads to the improper disposal of waste.
- ⇒ About 50% of average household waste is recyclable and more so in offices. The most important materials that should always be recycled are cans, paper, plastic, and glass.

Reduce - Tips for Waste Avoidance

Avoidance starts by thinking and observing. Think about the products you use and whether they ensure an environmentally sound disposal at the end of their life cycle. Is there a way to substitute these products for those that are multi-use, long-life and repair-friendly, which can be recycled and disposed of as un-problematically as possible?

In the end you can control the amount of waste that's produced by being mindful of the consumable goods we use, which all begins through our everyday shopping habits. Some basic tips to be mindful of include:

- ⇒ Take a reusable bag or basket with you when you go shopping. If you have to use a plastic bag, then try and reuse it as many times as you can.
- ⇒ When purchasing plastic and glass bottles at local markets, make sure to bring to returnable container systems
- ⇒ If possible select unwrapped items. Choose ecologically sound, garbage-reducing products that can be recycled.
- ⇒ Be mindful of the packaging of products. Avoid items that are double or triple packed with paper and plastic.

Non-recyclable items avoid include:

- ⊗ Paper/plastic cups & plates
- ⊗ Paper napkins
- ⊗ Disposable razors
- ⊗ Non-returnable bottles
- ⊗ Plastic bags
- ⊗ Overwrapped items

Avoid products that contain hazardous chemicals as they can harm to you, your family, and the environment. Try to use non-hazardous products whenever possible.

- ⇒ Some things are still good and can be reused before throwing away
- ⇒ For items you no longer need, try to give to friends or neighbors who might have a use for them, sell them at a yard sale or flea market.

Reuse - Thrift Shop

Household goods, clothing, and other items no longer needed can be donated to the Patch Thrift Shop, which is operated by the Stuttgart Community Spouses' Club (SCSC). All the proceeds generated go back to the community in form of scholarships, grants, and financial support for various groups and activities within the Stuttgart military community.

- ⇒ The Patch Thrift Shop is located on Patch Barracks in Building 2332.
- ⇒ Donate during the SCSC Patch Thrift Shop operating hours.
- ⇒ Leaving items not accepted by the SCSC Patch Thrift Shop violates the Commander's policy regarding illegal dumping of trash. Violators are subject to penalty.

Items not accepted:

- ⊗ Mattresses & box springs
- ⊗ TVs
- ⊗ VHS & cassette tapes and players
- ⊗ Car seats & helmets
- ⊗ Drop-side cribs
- ⊗ Auto parts
- ⊗ Gasoline-powered items
- ⊗ Uniforms & military gear
- ⊗ Liquids & gas of any kind
- ⊗ Food

- ⇒ **The Thrift Shop reserves the right to refuse any item.**

Operating hours	
Mon	1000 - 1600 hrs
Tue	Closed
Wed	1000 - 1600 hrs
Thu	1200 - 1800 hrs
Fri	1000 - 1600 hrs
Sat	1000 - 1600 hrs



Contact: Phone - 09641 70596 5510

email - patchthriftshop@gmail.com or scsc.thriftliason@gmail.com

Web - www.facebook.com/page/SCSC-Patch-Thrift-Shop/163029133762979

Web - www.stuttgartspousesclub.org

County of Böblingen



County of Böblingen

In the County of Böblingen containers are provided for collection and separation of different types of waste. The following pages provide detailed information on the different types of waste, their separation criteria, and collection options. Below are the trash bins made available by the county for each household.

Paper & Cardboard	⇒ Optional bin ⇒ Pick-up: monthly	No additional charges
Orange Bin Packaging materials, drink cartons, aluminium items	⇒ Optional bin ⇒ Pick-up: monthly	Charged (€3.60/pick-up)
Red Bag (<i>placed inside the Orange Bin</i>) Small electronic Scrap e.g., cell phones, CDs,	⇒ Optional ⇒ Pick-up: monthly	No additional charges
Biodegradable Waste Food leftovers, leaves, grass, twigs	⇒ Mandatory bin * ⇒ Pick-up: bi-weekly	Charged (€54/year)
Residual Waste Everything not recyclable (non-hazardous / bulky)	⇒ Mandatory bin ⇒ Pick-up: bi-weekly	Charged (depends on pick-ups & container size)

⇒ On the day of pickup, make sure to place your waste containers outside before 0600hrs of the scheduled date.

* The biodegradable waste bin is not mandatory and a composter can be used instead

- ⇒ For further information on the recycling program for the County of Böblingen, visit: www.awb-bb.de or call 07031631550
- ⇒ A mobile app is available and can be downloaded at www.awb-bb.de
- ⇒ Pick-up schedule can be accessed at the link: www.awb-bb.de/abfuhrtermine

Recycling Centers

There are a total of 31 recycling centers in the County of Böblingen. There is at least one located in every community and it has collection points/container for most materials, except biodegradable and residual waste. Addresses and opening hours of some of these locations are listed below. Additional recycling centers can be found at link provided below.

Böblingen	Mon - Fri	1000 - 1800
Schönaicher Straße 71	Sat	900 - 1500
Böblingen-Hulb *	Mon - Fri	1000 - 1800
Hanns-Klemm-Straße 31	Sat	900 - 1500
Herrenberg-Kayh *	Wed, Fri	1500 - 1800
Gipswerkstraße 19	Sat	900 - 1500
Jettingen	Wed, Fri	1500 - 1800
Hohenrainstraße 15	Sat	900 - 1500
Leonberg	Mon - Fri	900 - 1800
Bahnhofstraße 88	Sat	900 - 1500
Renningen-Malmsheim	Mon - Fri	730 - 1200
Erddeponie (at K1013)		1300 - 1630
	Sat	900 - 1500
Waldenbuch-Steinenbronn	Wed, Fri	1300 - 1800
Erddeponie (at L1208)	Sat	900 - 1500

* Only recycling centers accept hazardous waste

⇒ Additional recycling centers: www.awb-bb.de/wertstoffhoefe

Orange Bin

Orange containers are for the disposal of all kinds of packaging material. The plastics collected are recycled to produce new bottles, containers, irrigation pipes and fleece jumpers. Recycled aluminum taken is converted into cans and other aluminum products.

⇒ Ensure that all recyclable items are empty upon disposal.



Did you know that ...

- ⇒ Plastics thrown into the ocean kill as many as 1,000,000 sea creatures every year!
- ⇒ It takes up to 500 years to decompose plastic items in landfills.

Paper & Cardboard

In the County of Böblingen, paper and cardboard waste are disposed of in a blue container. Below is a list of the types of material that can be disposed of in the blue containers.

- ⇒ Make sure to fold bulky cartons or boxes before putting into the container.
- ⇒ Remove all paper clips, adhesive tapes, plastics, and other packaging materials prior to disposing.



This includes:

- ✓ Books
- ✓ Brochures
- ✓ Cardboard
- ✓ Catalogues
- ✓ Magazines
- ✓ Newspaper
- ✓ Office paper
- ✓ Paper packaging
- ✓ Boxes

This does not include:

- ✓ Coated paper
- ✓ Dirty paper
- ✓ Tissues
- ✓ Paper towels/napkins
- ✓ Wallpaper
- ✓ Waxed paper
- ✓ Drink cartons
- ✓ Egg cartons

Did you know that ...

- ⇒ 75% of tree's cut down for paper are not used for paper products.
- ⇒ Recycling a single run of the Sunday *New York Times* would save 75,000 trees.
- ⇒ Recycled paper and cardboard can be used to make packaging, industrial paper, tissues, and newspapers.

Red Bag

The red bags are used for the collection of small electronic items. Upon disposal, each item is mechanically disassembled, harmful substances are removed, and valuable metal pieces are recovered and recycled into new products. These red bags are placed in the orange containers and both are picked-up together .



This includes:

Small Electronic Scrap only:

- ✓ Electric toys
- ✓ Hair dryers & shavers
- ✓ Cell phones, MP3 players
- ✓ Calculators, cameras
- ✓ CDs & DVDs

Red Bags are distributed at all Recycling Centers located in:

- ⇒ Herrenberg-Kayh
- ⇒ Leonberg
- ⇒ Renningen-Malmsheim
- ⇒ Waldenbuch/ Steinbronn
- ⇒ Jettingen

NOTE: Place the **Red Bag** into the **Orange bin**.

Did you know that

- ⇒ Most electronics contain heavy metals and organic chemicals which could cause a variety of health hazards, including cancer if not properly recycled.

Biodegradable Waste

The container for biodegradable waste is solely for compostable waste from the kitchen and garden. For the County of Böblingen it is collected in a green container. All biodegradable waste should be disposed of in this container as it is 100% recyclable. Never dispose plastic bags in biodegradable waste bin, even if labeled biodegradable, decomposable, or biobeutel.



- ⇒ Do not dispose large chunks of wood in this bin, take them to the recycling center.
- ⇒ Always line your bin and wrap your waste with newspaper against odor and moisture and rinse your bin with garden hose from time to time.
- ⇒ During winter, place a sheet of newspaper at the bottom of your bin to prevent waste freezing at the bottom.

Glass

Glass is collected and sorted by colors: green, white (clear) and brown. In each community, there are public containers at specific locations for sorting and collection of glass based materials.

- ⇒ Drop off glass bottles/jars by color. All other colors go as green.
- ⇒ Make sure to empty all glass bottles/jars before disposal.



Did you know that ...

- ⇒ Recycling glass requires only 50% of energy the energy necessary to make glass from sand.
- ⇒ A 100 watt light bulb can be lit for 4 hours from the energy saved by recycling a glass bottle or power a PC for almost half an hour.

Residual Waste

Waste that cannot be recycled or whose means of recycling is not yet determined is considered residual waste. The waste is collected in gray container for thermal treatment in waste incineration plants for generating energy.

- ⇒ Keep the amount of residual waste as low as possible.
- ⇒ Put greasy and oily paper or cardboard (e.g., soiled pizza boxes and sandwich paper wrappings) into residual waste, not into paper and cardboard containers.



This includes:

- ✓ Animal litter
- ✓ Ashes, dust, dirt
- ✓ Cigarette butts
- ✓ Diapers
- ✓ Dirty recyclable trash
- ✓ Dirty Packaging
- ✓ Vacuum cleaner bags
- ✓ Paper napkins & tissues
- ✓ Medical waste
- ✓ Bones
- ✓ Grease (only in containment)

This does not include:

- ⊘ All types of packaging
- ⊘ Glass
- ⊘ Batteries
- ⊘ Hazardous waste
- ⊘ Metals

Did you know that ...

- ⇒ during incineration harmful gases, particles, and heavy metals are emitted into the atmosphere?
- ⇒ a reduction of residual waste benefits not only the environment but also human health!

Hazardous Waste | Batteries

Hazardous waste can only be disposed at specific recycling centers (see page 10 for disposal locations). Household batteries can be dropped off into special boxes which are located at any shop selling batteries.

- ⇒ Hazardous items must be provided in their original labeled container
- ⇒ Never mix different types of hazardous substances
- ⇒ Return used motor oil to the shop where it was purchased
- ⇒ Return car batteries at a recycling centers or shops selling batteries in exchange for a new one.



Did you know that ...

- ⇒ One liter of waste oil will contaminate one million liters of drinking water?

Bulk | Large Electronics

Bulk waste and large electronic devices (max.3 m³) can be **picked-up upon request**, but will be charged for service. The request for pick-up can be done either online or by phone (see contact details below). Bulk waste can also be brought directly to the Recycling Center at any time and this is free of charge.



This includes:

Furniture, household, and bulky metal scrap items that are too large for normal waste bins:

- ✓ Bed frames & mattresses
- ✓ Couches & chairs
- ✓ Cupboards & carpets
- ✓ Tablets & cabinets
- ✓ Washing machines
- ✓ Ovens, BBQs
- ✓ Large electronics *
- ✓ Air conditioning units



This does not include:

- ⊗ Cardboard boxes
- ⊗ Residual Waste bags
- ⊗ Renovation work waste
- ⊗ Radiators & oil tanks
- ⊗ Small electronic scrap

* Pick-up of large electronics, such as, washing machines, refrigerators, and dish washers are charged additionally.

- ⇒ Request for pick-up with a lead time of around 3 weeks will cost 20€.
- ⇒ An express pick-up (within 3 working days) is an additional charge.
- ⇒ For pick-up call: **07031-6631-550**
- ⇒ Online: Request form under www.awb-bb.de
or send an email to awb-kis@awb-bb.de

Clothes & Shoes | Textiles

Wearable clothes, shoes, and other textiles can be disposed of in special containers often provided by non-profit making organizations. Please pack all materials for donation in bags.

- ⇒ Only use containers labelled “AWB,” “Altkleider,” or “Red Cross.”
- ⇒ “AWB” and “Altkleider” only accept clothes and shoes while “Red Cross” accepts other textiles.



- ⇒ AWB container locations can be found under following link:
www.awb-bb.de/standortuebersicht

Did you know that ...

- ⇒ 65% of all donated clothes are re-distributed as second-hand clothes.
- ⇒ The 30% that are not wearable are recycled and are made into new fabrics and the remaining 5% are thermally recycled.

County of Esslingen



Landkreis
Esslingen



County of Esslingen

In the County of Esslingen, containers are provided for collection and separation of different types of waste. The following pages provide detailed information on the different types of waste, their separation criteria, and collection options. Listed below are the trash bins made available by the county for each household.

Paper & Cardboard

Everything made out of paper and cardboard

⇒ Optional bin

⇒ Pick-up: monthly

No additional charges

Yellow bags

Packaging materials, aluminium cans

⇒ Optional

⇒ Pick-up: bi-weekly

No additional charges

Biodegradable Waste

Cooked & raw food, garden clippings

⇒ Mandatory bin *

⇒ Pick-up: weekly (Jun-Sep)
bi-weekly (Oct-May)

Charged
(depends on container size)

Residual Waste

Everything not recyclable (non-hazardous)

⇒ Mandatory bin

⇒ Pick-up: bi-weekly

Charged
(depends on pick-ups & container size)

⇒ Optional bins can be requested from the recycling company directly.

⇒ On the day of pickup, make sure to place your waste containers outside before 0600hrs of the scheduled date.

* The biodegradable waste bin is not mandatory and a composter can be used instead

⇒ For further information on the recycling program for the County of Esslingen visit: www.awb-es.de

⇒ For the pick-up schedule, use the following website:
<http://www.awb-es.de/abfuhr/abfuhrtermine.html>

Recycling Centers

In addition to the waste collection system, the County of Esslingen also offers disposal collection points and containers at recycling centers for most material waste. Below are some of recycling centers and their corresponding operational hours.

Recycling Center Katzenbühl, Esslingen Stettener Straße between ES-Wäldenbronn & Stetten	Mon - Fri	900 - 1200 1300 - 1645
	Sat	830 - 1230
Recycling Center Blumentobel, Beuren K 1243 at Tiefenbachtal between Nürtingen & Beuren	Mon - Fri	900 - 1200 1300 - 1645
	Sat	830 - 1230
Recycling Center Leinfelden, Echterdingen Sielminger Straße	Mon - Fri	900 - 1200 1300 - 1645
	Sat	830 - 1230
Recycling Center Esslingen Zollenberg Composting Plant Hohenheimer Straße	Mon - Fri	1000 - 1230 1330 - 1700
	Sat	900 - 1200
Recycling Center Scharnhäuser Park Ernst-Heinkel-Straße	Wed, Fri	1400-1700
	Sat	900 -1300
Recycling Center Eichholz Gutenhalde, between Bonlanden & Aich)	Mon, Wed, Fri	1300 - 1700
	Sat	830 - 1330
Recycling Center Owen Owen	Mon, Thu	1600 - 1800
	Sat	900 - 1200

⇒ Further recycling centers can be found using the following link:
www.awb-es.de/recycling.html

⇒ The hazardous waste collection centers can be found using the following link:
http://www.awb-es.de/abfallinfo/problemstoffe/__Problemstoffe.html



Paper & Cardboard

In the County of Esslingen, paper and cardboard waste are disposed of in a blue container. Below is a list of the types of material that can be disposed of in the blue containers.

- ⇒ Make sure to fold bulky cartons or boxes before putting into the container.
- ⇒ Remove all paper clips, adhesive tapes, plastics, and other packaging materials prior to disposing.



This includes:

- ✓ Books
- ✓ Brochures
- ✓ Cardboard
- ✓ Catalogues
- ✓ Magazines
- ✓ Newspaper
- ✓ Office paper
- ✓ Paper packaging
- ✓ Boxes



This does not include:

- ⊗ Wet or coated paper
- ⊗ File folders
- ⊗ Dirty paper
- ⊗ Tissues
- ⊗ Paper towels
- ⊗ Wallpaper
- ⊗ Waxed paper
- ⊗ Drink cartons



Did you know that ...

- ⇒ 75% of trees cut down for paper are not used for paper products.
- ⇒ Recycling a single run of the Sunday *New York Times* would save 75,000 trees.
- ⇒ Recycled paper and cardboard can be re-used to make packaging. industrial paper, tissues, and newspapers.

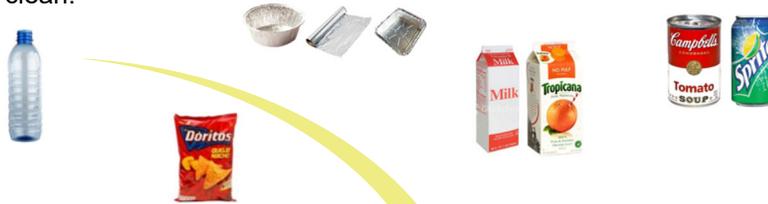


Yellow Bags

The yellow bags are used for collecting recyclable plastic and packaging materials in the County of Esslingen. Below are some items that can be disposed of in the yellow bags.

⇒ Yellow bags can be obtained from recycling centers or city halls for free.

⇒ All recyclable items have to be empty before disposal, but not necessarily clean.



This includes:

- ✓ Packaging materials
- ✓ Aluminum cans & foil
- ✓ Mixed plastic wrapping
- ✓ Drink cartons
- ✓ Plastic bags
- ✓ Food packaging



This does not include:

- ⊗ Electronic scrap
- ⊗ Batteries
- ⊗ Broken household appliances
- ⊗ Paper & Cardboard
- ⊗ CDs & DVDs
- ⊗ Plastic toys/items
- ⊗ Non-recyclable trash
- ⊗ Diapers
- ⊗ Glass

⇒ For the pick-up schedule, use the following website:
www.awb-es.de/abfuhr.html

Did you know that ...

24

⇒ Plastics thrown into the ocean kill as many as 1,000,000 sea creatures every year.

⇒ There is no limit to the amount of times an aluminum can can be recycled.



Biodegradable Waste

The container for biodegradable waste is solely for compostable waste from the kitchen and garden. For the County of Esslingen it is collected in a brown container. All biodegradable waste should be disposed of in this container as it is 100% recyclable. Never dispose plastic bags in biodegradable waste bin, even if labeled biodegradable, decomposable, or biobeutel.



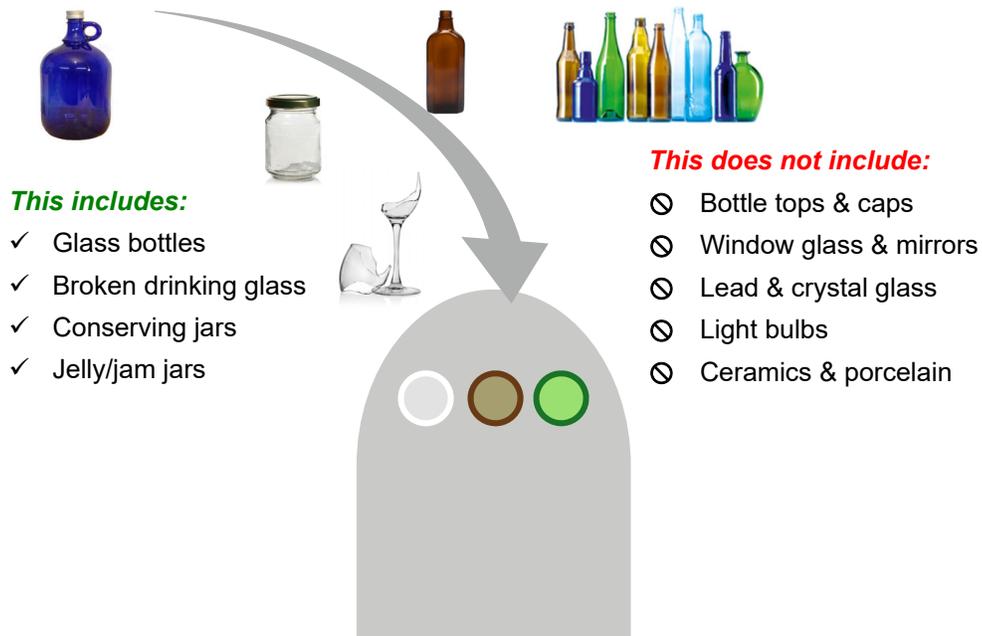
- ⇒ Do not dispose large chunks of wood in this bin, take them to the recycling center.
- ⇒ Always line your bin and wrap your waste with newspaper against odor and moisture and rinse your bin with garden hose from time to time.
- ⇒ During winter, place a sheet of newspaper at the bottom of your bin to prevent waste freezing at the bottom.



Glass

Glass is collected and sorted by colors: green, white (clear) and brown. In each community, there are public containers placed at specific locations for sorting and collection of glass based materials.

- ⇒ Drop off glass bottles/jars by color. All other colors go as green.
- ⇒ Make sure to empty all glass bottles/jars before disposal.



Did you know that ...

- ⇒ Recycling glass requires only 50% of energy the energy necessary to make glass from sand.
- ⇒ A 100-watt light bulb can be lit for 4 hours from the energy saved by recycling a glass bottle or power a PC for almost half an hour.



Residual Waste

Waste that cannot be recycled or whose means of recycling is not yet determined is considered residual waste. The waste is collected in gray container for thermal treatment in waste incineration plants for generating energy.

- ⇒ Keep the amount of residual waste as low as possible.
- ⇒ Put greasy and oily paper or cardboard (e.g., soiled pizza boxes and sandwich paper wrappings) into residual waste, not into paper and cardboard containers.



Did you know that ...

- ⇒ During incineration, harmful gases, particles, and heavy metals are emitted into the atmosphere. A reduction of residual waste benefits not only the environment but also human health!



Hazardous Waste | Batteries

Hazardous waste can only be disposed at specific recycling centers (see page 10 for disposal locations). Household batteries can be dropped off into special boxes which are located at any shops selling batteries.

- ⇒ Hazardous items must be provided in their original labeled container
- ⇒ Never mix different types of hazardous wastes
- ⇒ Return used motor oil to the shop where it was purchased
- ⇒ Return car batteries a recycling centers or shops selling batteries in exchange for new ones.



Did you know that ...

- ⇒ One liter of waste oil will contaminate one million liters of drinking water?



Electronics

Dispose all electronic devices at a recycling center. Large electronic devices can also be picked-up along with bulk waste (refer to page 29), but there is a required fee for this service. Direct disposal at a recycling center is free of charge.



This includes:

- ✓ Electric toys
- ✓ Hair dryers & shavers
- ✓ Cell phones & MP3 players
- ✓ Calculators & cameras
- ✓ Dishwasher & video screens
- ✓ TV & computers
- ✓ Washing machines
- ✓ Microwave
- ✓ Air conditioning units

Following Recycling Centers accept electronic scrap:

- ⇒ Katzenbühl
- ⇒ Sielminger Straße
- ⇒ Eichholz
- ⇒ Esslingen



Did you know that...

- ⇒ Each electronic device is mechanically disassembled and harmful substances are removed. The highly valuable metal materials are recovered, recycled and made into new products.



Bulk Waste

Bulk waste can be **picked-up upon request twice a year** using a disposal card (Sperrmüllkarte) with a lead time of 2 weeks. The disposal card is attached to the pick up schedule, (Abfallkalender) provided by the county at the beginning of each year to all households (see contact details below) in the county.



This includes:

Furniture & household items too big for normal waste bins:

- ✓ Bed frames, mattresses
- ✓ Couches & chairs
- ✓ Cupboards & carpets
- ✓ Tables & cabinets
- ✓ Large toys
- ✓ Mirrors

This does not include:

- ⊗ Cardboard boxes
- ⊗ Residual waste bags
- ⊗ Renovation work waste
- ⊗ Radiators & oil tanks
- ⊗ Electronic scrap/ devices
- ⊗ Building wastes
- ⊗ Old tires

- ⇒ Large electronic devices can be picked-up together along with bulk furniture waste, for an additional fee of 20 Euro per item.
- ⇒ Bulk waste and large electronic devices can also be disposed directly at a Recycling Center using the "Disposal Card"
- ⇒ To request a pick-up call: 0800-9312-526 or email: service-awb@lra-es.de

Clothes & Shoes | Textiles

Wearable clothes, shoes, and other textiles can be disposed in special containers often provided by non-profit-organization. While some containers are only provided for clothes and shoes, others are also meant for other textiles. Please pack all materials for donation in bags.



- ⇒ Please use only those containers belonging to non-profit organizations.
- ⇒ Containers will be labeled "Altkleider" and are specifically meant for clothes and shoes.

Did you know that ...

- ⇒ Around 65% of all donated clothes are re-distributed as second-hand clothes.
- ⇒ The 30% that are not wearable are recycled and made into new fabrics and the remaining 5% are thermally recycled.

County of Ludwigsburg





County of Ludwigsburg

In the County of Ludwigsburg, several containers are provided where different types of waste can be separately stored and collected. Below you will find an overview of the main waste streams, their associated containers, and scheduled collection program. The following pages will provide detailed information of each waste stream.

Recyclable Waste <i>Round</i> Packaging made of plastic, glass, or metals	⇒ Optional bin ⇒ Pick-up: monthly	No additional charges **
Recyclable Waste <i>Flat</i> Paper/cardboard, plastic bags/foils	⇒ Optional bin ⇒ Pick-up: monthly	No additional charges **
Biodegradable Waste Cooked & raw food, garden clippings	⇒ Mandatory bin * ⇒ Pick-up: weekly (Apr-Sep) bi-weekly (Oct-Mar)	Charged ** (depends on pick-ups & container size)
Residual Waste Everything not recyclable (no hazardous/bulk)	⇒ Mandatory bin ⇒ Pick-up: bi-weekly	Charged ** (depends on pick-ups & container size)

- ⇒ Optional bins can be requested from the recycling company directly.
- ⇒ On the day of pickup, make sure to place your waste containers outside before 0600hrs of the scheduled date.

- * The biodegradable waste bin is not mandatory and a composter can be used instead
- * There is an additional annual charge for waste disposal depending on individuals in the household.

- ⇒ For further information on the recycling program for the County of Ludwigsburg visit: www.avl-ludwigsburg.de/
- ⇒ The yearly calendar for waste pick-up can be downloaded at the following website: <https://www.avl-ludwigsburg.de/hausverwaltung/tonnen/abfallkalender/>

Recycling Centers

In addition to the waste collection system, the County of Ludwigsburg also offers disposal collection points and containers at recycling centers for most material waste. Below are some of recycling centers and their corresponding operational hours.

Recycling Center Neckartal Neckartalstraße 10 71642 Neckarweihingen	Mon, Tue, Wed	900 - 1300 1430 - 1730
	Fri	900 - 1300 1430 - 1800
	Sat	900 - 1400
	Recycling Center Wasserturm Am Wasserturm 11 70806 Kornwestheim	Mon, Wed, Fri
Recycling Center Hofgut Mauer Hofgut Mauer 70825 Korntal-Münchingen	Thu	900 - 1230 1400 - 1800
	Sat	900 - 1300
	Mon, Wed	1400 - 1700
	Tue, Thu	900 - 1200
Recycling Center Tammerfeld Maybachstraße 10 71634 Tammerfeld	Fri	1400 - 1800
	Sat	900 - 1300
	Tue - Fri	900 - 1200 1300 - 1700
Mobile Hazardous Waste Collection		
A) Recycling Center Wasserturm	Once a month	900 - 1300
B) Maybachstrasse, Wendeplatte, 71634 Ludwigsburg		

- ⇒ All waste can also be disposed directly at a recycling center with the exception of biodegradable waste and residual waste.
- ⇒ Further recycling centers can be found using the following link:
<https://www.avl-ludwigsburg.de/privatkunden/annahmestellen/>
- ⇒ Details on the Mobile Collection Truck can be found using the following link: <https://www.avl-ludwigsburg.de/index.php?id=117>



LUDWIGSBURG

Green Container Round

In the County of Ludwigsburg there are two types of green waste containers; round and flat types. The **round type** includes the collection of plastics, glass, and metal packaging. These items will be recycled and later converted into new products.

⇒ All recycling items do not have to be cleaned but have must be empty.



This includes:

All empty sales packaging:

- ✓ Yogurt & other plastic cups
- ✓ Food & beverage cans
- ✓ Composite materials
- ✓ Empty aerosol cans
- ✓ Non-returnable glass bottles & jars
- ✓ Lids & caps
- ✓ Vacuum packaging (e.g., coffee)
- ✓ Drink cartons

This does not include:

- ⊗ Paper & cardboards
- ⊗ **Flat type** recyclable waste
- ⊗ Residual waste
- ⊗ Plastic bags
- ⊗ Electronic scrap

Did you know that ...

- ⇒ Plastics thrown into the ocean kill as many as 1,000,000 sea creatures every year.
- ⇒ It takes up to 500 years to decompose plastic items disposed in landfills.

Recyclable Waste Flat

The green container for **flat type** of recyclable waste includes the collection of paper and cardboard.

- ⇒ Make sure to fold bulky cartons or boxes before putting into the container.
- ⇒ Remove all paper clips, adhesive tapes, plastics, and other packaging materials before putting into container.



This includes:

Clean paper, plastic, or styrofoam:

- ✓ Books & catalogs
- ✓ Newspapers, magazines
- ✓ Boxes & cardboards
- ✓ Paper bags
- ✓ Envelopes
- ✓ Plastic bags & foils
- ✓ Styrofoam
- ✓ Styrofoam chips (in bag)



This does not include:

- ⊗ Dirty paper
- ⊗ Hardcover
- ⊗ Packaging materials
- ⊗ Recyclable waste *Round*
- ⊗ Non-recyclable waste
- ⊗ Electronic scrap
- ⊗ Receipts, photos
- ⊗ Parking Tickets

Did you know that ...

- ⇒ 75% of tree's cut down for paper are not used for paper products.
- ⇒ Recycling a single run of the Sunday *New York Times* would save 75,000 trees.
- ⇒ Recycled paper and cardboard can be re-used to make packaging.



Biodegradable Waste

The container for biodegradable waste is solely for compostable waste from the kitchen and garden. For the County of Ludwigsburg, it is collected in a brown container. All biodegradable waste should be disposed of in this container as it is 100% recyclable. Never dispose plastic bags in biodegradable waste bin, even if labeled biodegradable, decomposable, or biobeutel.



- ⇒ Do not dispose large chunks of wood in this bin, take them to the recycling center.
- ⇒ Always line your bin and wrap your waste with newspaper against odor and moisture and rinse your bin with garden hose from time to time.
- ⇒ During winter, place a sheet of newspaper at the bottom of your bin to prevent waste from freezing to bottom.

Residual Waste

Waste that cannot be recycled or whose means of recycling is not yet determined is considered residual waste. The waste is collected in a gray container and is collected for thermal treatment in waste incineration plants for generating energy.

⇒ Keep the amount of residual waste as low as possible.

⇒ Put greasy and oily paper or cardboard (e.g. soiled pizza boxes and sandwich paper wrappings) into residual waste, not into paper and cardboard containers.



This includes:

- ✓ Animal litter
- ✓ Ashes, dust, dirt
- ✓ Broken items
- ✓ Cigarette butts
- ✓ Diapers
- ✓ Dirty recyclable trash
- ✓ Porcelain & mirrors
- ✓ Vacuum cleaner bags
- ✓ Medical waste
- ✓ Light bulbs

This does not include:

- ⊗ All types of packaging
- ⊗ Glass
- ⊗ Paper & Cardboard
- ⊗ Batteries
- ⊗ Hazardous waste
- ⊗ Energy-saving bulbs
- ⊗ CDs/ DVDs
- ⊗ Electronic scrap
- ⊗ Metal scrap

Did you know that ...

⇒ During incineration harmful gases, particles, and heavy metals are emitted into the atmosphere. A reduction of residual waste benefits not only the environment, but also human health!



Electronic Waste

All electronic devices are to be disposed at a recycling center (See page 21). Large electronic devices can be picked-up twice a year free of charge with the use of a bulk waste disposal car. Direct disposal at a recycling center is also possible and can be done anytime throughout the year.

- ⇒ For pick-up request please call 07141-144-5656.
- ⇒ All Recycling Centers accept electronic scrap.
- ⇒ Pick-up is made upon request and up to twice a year it is free of charge. Application forms are sent to house holds annually.



This includes:

- ✓ Electric toys
- ✓ Hair dryers & shavers
- ✓ Cell phones, MP3 players
- ✓ Calculators, cameras
- ✓ Dishwasher & video screens
- ✓ TV & computers
- ✓ Washing machines
- ✓ Microwaves
- ✓ Air conditioning units
- ✓ Fridges

Did you know that ...

- ⇒ Most electronic devices contain heavy metals and organic chemicals which have been proven to cause a variety of health hazards, including cancer if not recycled properly.

Hazardous Waste | Batteries

Hazardous waste can only be disposed at mobile collection points. Household batteries can be dropped off into special boxes which are located at any shops selling batteries.

- ⇒ Never mix different types of hazardous wastes.
- ⇒ Return used motor oil to the shop where it was purchased
- ⇒ Return car batteries at recycling centers or shops selling batteries in exchange for new ones.



***Did you know that ...**

- ⇒ One liter of waste oil contaminates one million liters of drinking water.



LUDWIGSBURG

Clothes & Shoes | Textiles

Wearable clothes and shoes and other textiles can be disposed at the recycling centers. Please pack all materials for donation in bags.



This includes:

- ✓ Clothes
- ✓ Shoes (in pairs)
- ✓ Bed linen
- ✓ Household linen
- ✓ Table linen
- ✓ Woolen rugs & blankets



Did you know that ...

- ⇒ 65% of all donated clothes are re-distributed as second-hand clothes.
- ⇒ 30% that are not wearable are recycled and made into new fabrics, and
- ⇒ the remaining 5% are thermally recycled.

Bulk Waste

Bulk furniture waste is **picked up once a year upon request** free of charge using a disposal card. The disposal card is attached to the pick up schedule, provided by the county to every house holds at the beginning of each year. Bulk waste can also be brought directly to a recycling center at any time of the year free of charge using the disposal cards.

⇒ For requesting a pick-up call: 07141-144-5656 / website form (see link below)

⇒ Waste is picked up between one to five weeks upon request.

⇒ Unregistered items will not be picked up.



This includes:

Furniture & household items too big for normal waste bins:

- ✓ Bed frames & mattresses
- ✓ Couches & chairs
- ✓ Cupboards & carpets
- ✓ Tablets & cabinets
- ✓ Large toys
- ✓ Mirrors
- ✓ Scrap metals like bikes, pipes, etc.

This does not include:

- ⊗ Cardboard boxes
- ⊗ Residual waste bags
- ⊗ Renovation work waste
- ⊗ Radiators & oil tanks
- ⊗ Electronic scrap

⇒ Scrap metals such as bikes, pipes, baby buggies, laundry rags, metal rags can be picked up twice a year without extra charges (further pick-ups are charged).

⇒ <https://www.avl-ludwigsburg.de/privatkunden/service/sperrmuell/online-formular/>

City of Stuttgart



Stuttgart



City of Stuttgart

In the city of Stuttgart, several containers are provided where different types of waste can be separately stored and collected. Below you will find an overview of the main waste streams, their associated containers, and scheduled collection program. The following pages will provide detailed information of each waste stream.

Paper & Cardboard Everything made out of paper and cardboard	⇒ Mandatory bin ⇒ Pick-up: 3-week interval	No additional charges
Yellow bags Packaging materials, aluminium cans	⇒ Optional ⇒ Pick-up: 3-week interval	No additional charges
Biodegradable Waste Food leftovers, leaves, grass, twigs	⇒ Mandatory ⇒ Pick-up: weekly	Charged (depends on pick-ups & container size)
Glass Bottles, drinking glasses, jars	⇒ Public container	No additional charges
Residual Waste	⇒ Mandatory bin	Charged

- ⇒ Optional bins can be requested from the recycling company directly through the landlords
- ⇒ On the day of pickup, make sure to place your waste containers outside (where it is easily accessible) before 0600hrs of the scheduled date.
- ⇒ Pick-up frequency can be changed from weekly to bi-weekly and vice versa (see link to pick-up schedules below).

⇒ For further information on the recycling program for the city of Stuttgart visit: www.stuttgart.de/abfall

⇒ The pick-up schedule can be accessed under the following link:

http://service.stuttgart.de/lhs-services/aws_kalender/



Recycling Centers

There are a several recycling centers, one in every community, with collection points/container for most materials. All waste can be disposed directly at the recycling centers except for biodegradable waste. Below are some few addresses and opening hours of recycling centers in this city.

Recycling Center Hedelfingen Einödstraße 50 70329 S-Hedelfingen	Tue, Wed, Fri	0800 - 1200	1300 - 1600
	Thu	0800 - 1200	1300 - 1800
	Sat	0800 - 1300	
Recycling Center Plieningen In den Entenäckern 3 70599 S-Plieningen	Tue, Wed, Fri	0800 - 1200	1300 - 1600
	Thu	0800 - 1200	1300 - 1800
	1 st & 3 rd Sat of the month	0800 - 1300	
Recycling Center Vaihingen Liebknechtstraße 49/1 70565 S-Vaihingen	Tue, Wed, Fri	0800 - 1200	1300 - 1600
	Thu	0800 - 1200	1300 - 1800
	Sat	0800 - 1300	
Recycling Center Weilimdorf Hemminger Straße 125 70499 Stuttgart	Tue, Wed, Fri	0800 - 1200	1300 - 1600
	Thu	0800 - 1200	1300 - 1800
	2 nd & 4 th Sat of the month	0800 - 1300	
Recycling Center Münster Burgholzstraße 31/1 70376 S-Münster	Mo, Tue, Wed,	0800 - 1200	1300 - 1600
	Thu	0800 - 1200	1300 - 1800
	Sat	0800 - 1300	

⇒ Further information on the recycling centers can be found under the following link: <http://www.stuttgart.de/item/show/561712/1>



Paper & Cardboard

In the city of Stuttgart, paper and cardboard waste are disposed of in a green container. Below is a list of the types of material that can be disposed of in the green containers.

- ⇒ Please fold bulky materials such as cartons or boxes before putting into the container
- ⇒ Remove paper clips, adhesive tapes, plastics, and other packaging materials



Did you know that ...

- ⇒ 75% of each tree that is cut down for paper is not used in a paper product.
- ⇒ Recycling a single run of the Sunday *New York Times* would save 75,000 trees.



Stuttgart

Packaging Materials

The yellow bags are used for collecting recyclable plastic and packaging materials in the city of Stuttgart. Below are some items that can be disposed of in the yellow bags.

- ⇒ Recycled plastic is used to make new bottles and containers, irrigation pipes and fleece jumpers.
- ⇒ Yellow bags can be obtained from recycling centers or city halls for free.
- ⇒ All recyclable items have to be empty before disposal, but not necessarily clean.



This includes:

- ✓ Aluminum cans & foil
- ✓ Packaging materials
- ✓ Drink cartons
- ✓ Styrofoam
- ✓ Plastic cups

This does not include:

- ⊗ Electronic scrap
- ⊗ Batteries
- ⊗ Broken household appliances
- ⊗ Paper & Cardboard
- ⊗ CDs, DVDs
- ⊗ Non-recyclable trash
- ⊗ Metals
- ⊗ Glass

- ⇒ Locations where yellow bags are distributed:
<http://www.stuttgart.de/img/mdb/item/7409/118587.pdf>

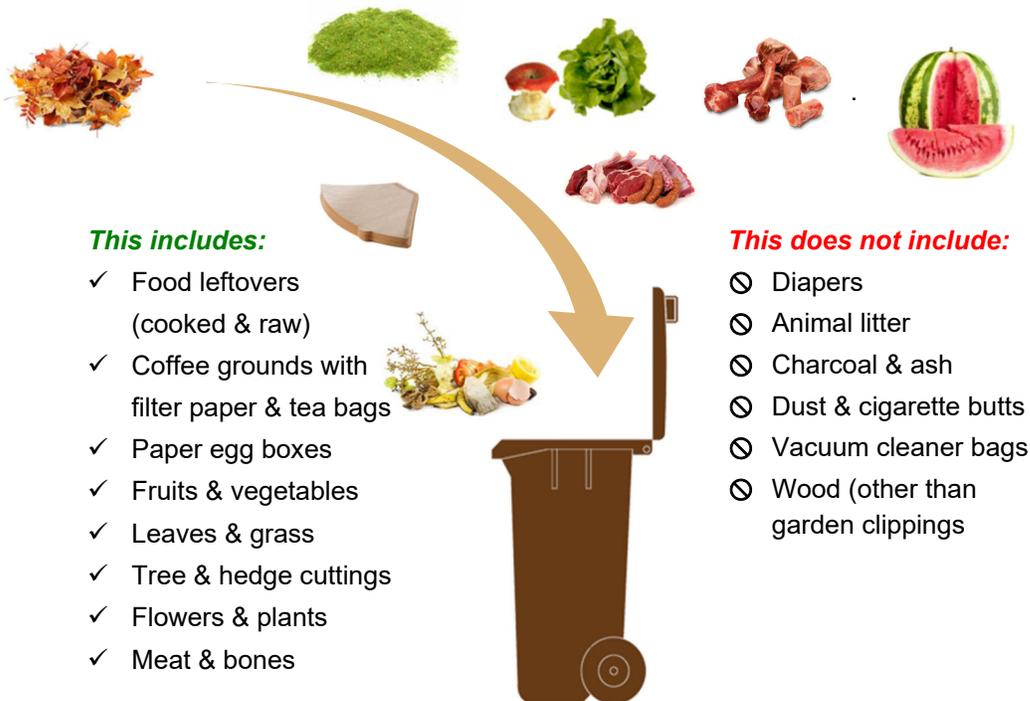
Did you know that ...

- ⇒ Plastics thrown into the ocean kill as many as 1,000,000 sea creatures every year!
- ⇒ There is no limit to the amount of times an aluminum can be recycled.



Biodegradable Waste

The container for biodegradable waste is solely for compostable waste from the kitchen and garden. For the city of Stuttgart, it is collected in a brown container. All biodegradable waste should be disposed of in this container as it is 100% recyclable. Never dispose plastic bags in biodegradable waste bin, even if the bags are labeled biodegradable, decomposable, or biobeutel.



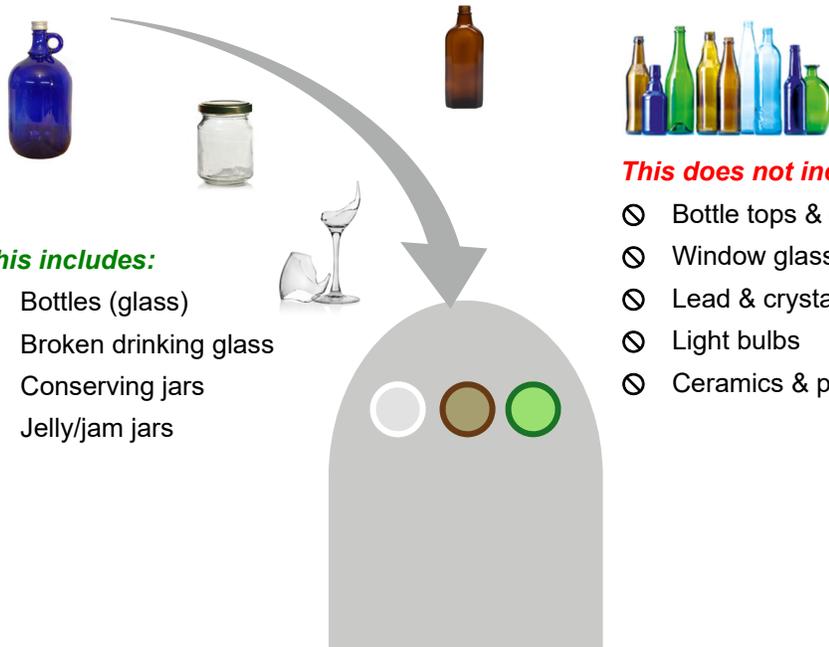
- ⇒ Do not dispose large chunks of wood in this bin, take them to the recycling center.
- ⇒ Always line your bin and wrap your waste with newspaper against odor and moisture and rinse your bin with garden hose from time to time.
- ⇒ During winter, place a sheet of newspaper at the bottom of your bin to prevent waste from freezing to bottom.



Glass

Glass is collected and sorted by colors: green, white (clear) and brown. In each community, there are public containers at specific locations for sorting and collection of glass based materials.

- ⇒ Drop off glass bottles/jars by color. All other colors go as green.
- ⇒ Make sure to empty all glass bottles/jars before disposal.



This includes:

- ✓ Bottles (glass)
- ✓ Broken drinking glass
- ✓ Conserving jars
- ✓ Jelly/jam jars

This does not include:

- ⊗ Bottle tops & caps
- ⊗ Window glass & mirrors
- ⊗ Lead & crystal glass
- ⊗ Light bulbs
- ⊗ Ceramics & porcelain

- ⇒ Container locations can be found under following link:
www.stuttgart.de/altglas

Did you know that ...

- ⇒ Glass can keep getting recycled since it never wears down.



Residual Waste

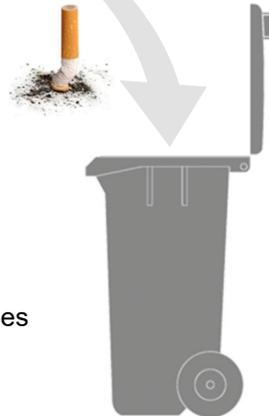
Waste that cannot be recycled or whose means of recycling is not yet determined is considered residual waste. The waste is collected in a gray container and is collected for thermal treatment in waste incineration plants for generating energy.

- ⇒ Keep the amount of residual waste as low as possible.
- ⇒ Put greasy and oily paper or cardboard (e.g., soiled pizza boxes and sandwich paper wrappings) into residual waste, not into paper and cardboard containers.



This includes:

- ✓ Animal litter
- ✓ Ashes, dust, dirt
- ✓ Broken items
- ✓ Cigarette butts
- ✓ Diapers
- ✓ Dirty recyclable trash
- ✓ Porcelain
- ✓ Paper napkins & tissues
- ✓ Vacuum cleaner bags
- ✓ Medical waste



This does not include:

- ⊘ All types of packaging
- ⊘ Glass
- ⊘ Paper & Cardboard
- ⊘ Batteries
- ⊘ Hazardous waste

Did you know that ...

- ⇒ During incineration harmful gases, particles, and heavy metals are emitted into the atmosphere.
- ⇒ A reduction of residual waste benefits not only the environment, but also human health!



Electronic Waste

All electronic devices are to be disposed at a recycling center. Large electronic devices (e.g., washing machine, fridge) can be picked up twice a year free of charge as bulk waste using a bulk waste disposal card (refer to page 54). Small electronic devices will not be picked-up; however, all electronic materials can be brought directly to the recycling centers anytime of the year free of charge.

This includes:

- ✓ Electric toys/devices
- ✓ Hair dryers & shavers
- ✓ Cell phones & MP3 players
- ✓ Calculators & cameras
- ✓ Dishwasher & video screens
- ✓ TV & computers
- ✓ Washing machines
- ✓ Microwave
- ✓ Air conditioning units
- ✓ Light bulbs

⇒ For the disposal of a specific electronics, check the following website for the disposal options of the product:
<https://www.stuttgart.de/abfall-abc>

Did you know that ...

⇒ The individual electronics contain mechanically and harmful as well as highly valuable that can be recovered and recycled in new products?



Hazardous Waste | Batteries

Hazardous waste poses a threat to human health and to the environment. Its disposal requires compliance with high environmental standards. Hazardous waste is to be disposed at the mobile waste collection points while household batteries can also be dropped into special boxes which are located at all shops selling batteries.



Important:

- ⇒ Provide substances in original and labeled container!
- ⇒ **Never** mix different types of substances!
- ⇒ Car batteries can be returned to a scrap dealer or car workshop for a small fee.
- ⇒ Date and location of Mobile Waste Collection can be found under following link: <http://www.stuttgart.de/problemstoffe>



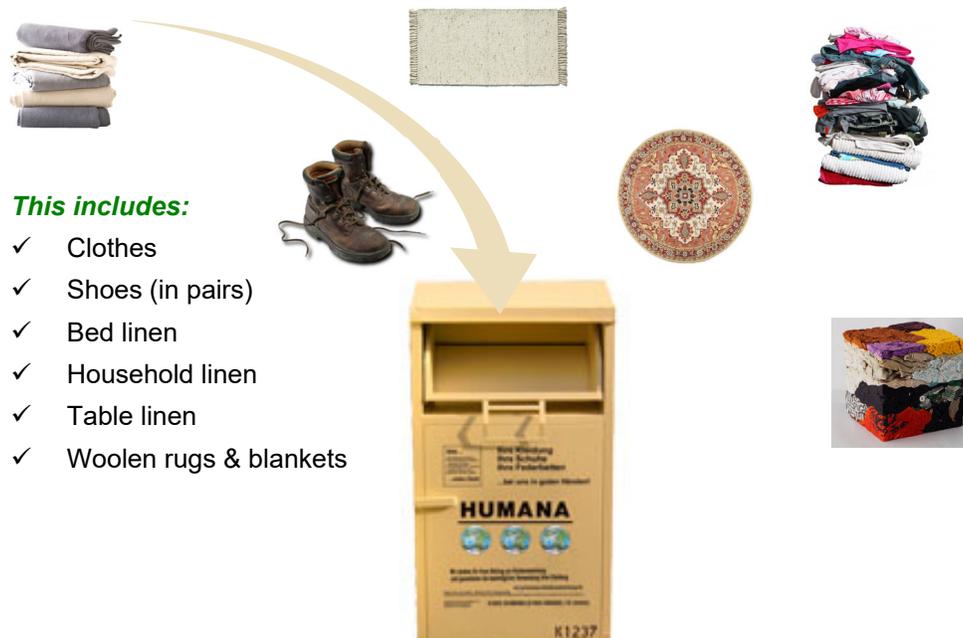
Stuttgart

Clothes & Shoes | Textiles

Wearable clothes, shoes, and other textiles can be disposed in special containers often provided by non-profit-organizations. While some containers are provided only for clothes and shoes, others are meant for other textiles.

⇒ Only use containers provided by non-profit-organizations.

⇒ Containers labeled “*Altkleider*” means they are only for clothes and shoes.



⇒ Container locations can be found under following link:
www.stuttgart.de/altkleider

Did you know that ...

⇒ 65% of all donated clothes are re-distributed as second-hand.

⇒ 30% of items that are not wearable are recycled and made into new fabrics, while the remaining 5% are thermally recycled.



Bulk Waste

Bulk waste is **picked up upon request**. The request is done by either phone, mail, or online (see link below). Pick-up upon request can be done up to twice a year, free of charge, using a disposal card and with a lead time of 3-6 weeks. The disposal card is attached to the pick up schedule, provided by the city to all households at the beginning of each year. The Bulk waste can also be brought directly to a Recycling Center at any time of the year free of charge.

This includes:
Furniture & household items too big for normal waste bins:

- ✓ Bed frames, mattresses
- ✓ Couches & chairs
- ✓ Cupboards & carpets
- ✓ Tablets & cabinets
- ✓ Large toys
- ✓ Mirrors
- ✓ Large electronics like washing machine, fridge

This does not include:

- ⊗ Cardboard boxes
- ⊗ Residual Waste bags
- ⊗ Renovation work waste
- ⊗ Radiators & oil tanks
- ⊗ Small electronic scrap
- ⊗ Glass
- ⊗ Building waste
- ⊗ Old tires

- ⇒ An express pick-up is possible (lead time: 48 hrs), but includes additional fees.
- ⇒ For pick-up request, see link <https://service.stuttgart.de/lhs-services/aws/>
- ⇒ Bulk waste and large electronics can also be disposed directly at a Recycling Center two times a year (free of charge using a waste disposal card).
- ⇒ Contact City Council with rental contracts to obtain a calendar in case you arrive mid year.

Waste Dictionary

Abfall	Waste	Landkreis	County
Abfallbehälter	Waste bin	Leerung	Pick-up
Abholkalender	Pick-up schedule	Öffnungszeiten	Opening hours
Altkleider	Clothes	Restmüll	Residual Waste
Altreifen	Tires	Sammlung	Collection
Anmeldung	Registration	Schadstoffmobil	Mobile Hazardous Waste Collection
Bestellkarte	Disposal card	Schrott	Scrap metal
Energiesparlampe	Energy-saving light bulb	Selbstanlieferung	Self-delivery
Entsorgungsstation	Disposal point	Sperrmüll	Bulk waste
Gebühr	Fee/charge	Tonne	Bin/container
Gefahrstoff	Hazardous waste	Vermieter	Landlord
Gelber Sack	Yellow bag	Verpackung	Packaging
Glas/Dosen	Glass/cans	Wertstoff	Resource
Kühlgerät	Refrigerator	Wertstoffhof	Recycling Center

Contacts

County of Böblingen

Phone: 0703 1663 1550

email: awb@lrabb.de



County of Esslingen

Phone: 0800 9312 526

email: service-awb@lra-es.de



County of Ludwigsburg

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email: servicecenter@avl-ludwigsburg.de



City of Stuttgart

Phone: 0711 2168 8700

email: poststelle.aws@stuttgart.de



Booklet printed on 100 % recycling paper

