

LUT Universities' Waste Disposal Guide

Introduction

Everyone on campus has an impact on our collective carbon footprint. At LUT University and the LAB University of Applied Sciences, we strive to save procurement and recycling costs and protect the environment by making wise material choices, reducing water usage, minimising plastic and other packaging materials, and constantly improving and developing our operations.

Waste on campus is collected and sorted for recycling. The property owners are responsible for waste management, including the collection of energy waste, biowaste, dry waste, plastic, paper, cardboard, glass, and metal waste, and for delivering it for further processing. The university itself is responsible for the proper disposal of waste from electrical and electronic equipment (WEEE), hazardous waste and oil, and confidential documents, and for the recycling the metal parts produced in large-scale operations.

LUT Universities monitors the amounts of recyclable waste monthly to measure performance and to see if any further instructions are needed. The amounts of recycled and landfilled waste are documented in the annual sustainability report.

This waste disposal guide provides detailed instructions on how to manage and recycle various waste streams on the campuses. The guide also applies to outsourced services on the campuses, such as restaurant services.

Biowaste

Sort biowaste into biowaste containers in campus restaurants and departments. From there, the kitchen or cleaning staff will take it to the brown collection containers in the outside waste shelters.

Pour any liquid from your leftover food into the drain. That will prevent the waste container from becoming too wet. To minimise your biowaste, do not take more food on your plate than you can eat – if you are still hungry, get a second helping instead.

Suitable for biowaste disposal:	Not suitable:
<ul style="list-style-type: none"> • Fruit and vegetable peels • Coffee filters with grounds • Soft paper, such as paper napkins • Plant parts and wilted flowers 	<ul style="list-style-type: none"> • Liquids • Plastic bags and packaging • Biodegradable diapers and sanitary pads • Animal excrement • Soil and sand • Chewing gum, ash, cigarette ends

Waste-to-energy production

Waste that will be used for energy production is collected in orange-coloured containers in the waste shelters.

Please remember that recycling should always be the primary option – waste-to-energy production is only the secondary option.

<p>Suitable for energy waste disposal:</p> <ul style="list-style-type: none"> • Plastic (not PVC) and plastic products • Rubber and tarpaulins • Styrofoam, polyurethane, foam plastic • Soiled paper and cardboard • Clean, treated wood, such as parquet, particle board, fibre board 	<p>Not suitable:</p> <ul style="list-style-type: none"> • Biowaste • PVC plastic • Clothes, textiles and leather • Used hygiene products • Cleaning and sweeping waste • Impregnated wood or hazardous waste • Metal, glass, ceramics and soil
--	---

Mixed waste

Avoid mixed waste that cannot be recycled. Place mixed dry waste into regular trash bins. The cleaning staff will empty them into the grey containers in the outside waste shelters.

Minimise your mixed waste by sorting all recyclable waste. If needed, rinse empty packages before recycling.

<p>Suitable for mixed waste disposal:</p> <ul style="list-style-type: none"> • Dirty plastic products and packaging and polystyrene • Dirty paper, cardboard and cartons • Used hygiene products, diapers • Cleaning waste, vacuum cleaner bags • Textile waste • Leather, rubber, glass fibre • Wood-based waste • Biowaste unless recycled separately 	<p>Not suitable:</p> <ul style="list-style-type: none"> • Liquids • Plastic bags and recyclable packaging • Biodegradable diapers and sanitary pads • Animal excrement • Soil and sand • Chewing gum, ash, cigarette ends
---	---

Office paper and magazines

Waste paper collection boxes are available in offices and hallways. The cleaning staff will empty their contents into the green containers in the waste shelters. Larger quantities can also be taken directly to the containers outside.

Minimise your paper use by, for example, printing double-sided copies, sharing magazines, and sharing or sending electronic documents instead of mail.

Plastic packaging

Plastic packaging is recycled on the Lappeenranta campus at the restaurants and receiving stations. Put recyclable plastic packaging in yellow containers at recycling points and in waste shelters. Plastic collection will soon be available also on the Lahti campus.

To minimise your plastic use, choose biodegradable packing material when possible and do not buy over-packaged products.

Suitable for plastic waste disposal:	Not suitable:
<ul style="list-style-type: none"> • Plastic packaging from staff breakrooms • Plastic packaging and wrappers • Plastic straps and bands • Expanded polystyrene (EPS) packaging • Plastic sales and transport packaging and multi-packaging • Plastic boxes and tubes • Plastic bottles and canisters (rinsed, caps off) 	<ul style="list-style-type: none"> • Separately collected plastic packaging, such as LDPE film • Production waste • Large plastic packages, such as IBCs, pallets, barrels and large bags • Dirty plastic packaging • Packaging containing traces of hazardous substances • Other materials, such as cardboard, metal and wood

Cardboard

Place flattened cardboard boxes in the collection trolleys on the lower floors or waste shelters of each building.

Reduce your cardboard waste by reusing empty cardboard boxes when sending or packing goods.

Suitable for cardboard waste disposal:	Not suitable:
<ul style="list-style-type: none"> • Cardboard boxes • Corrugated cardboard • Kraft paper • Brown cardboard • Brown paper bags 	<ul style="list-style-type: none"> • Wet or dirty cardboard • Film-coated cardboard • Plastic or polystyrene • Liquid cartons

Metal packaging

Place small metal items in metal collection containers in the hallways or waste shelters. Send waste metals from research work and large metal scraps directly to the recycling yard as needed. Do your best to sort different metals from your research projects.

Reduce your metal waste by taking empty drink cans to a recycling point for a deposit refund.

<p>Suitable for metal waste disposal:</p> <ul style="list-style-type: none"> • Tin cans • Non-deposit drink cans • Metal objects, caps and lids • Kettles and frying pans • Aluminium foil and disposable baking pans • Empty and dry paint cans • Empty and non-pressurised aerosol bottles 	<p>Not suitable:</p> <ul style="list-style-type: none"> • Hazardous waste • Electrical appliances or waste electronic equipment
---	---

Glass packaging

Glass waste is collected at recycling points in hallways and in collection containers in the waste shelters. Take empty bottles with a deposit to a recycling station at a grocery store. Do not put any heat-resistant glass (Pyrex) or glass dishes, such as baking dishes and drinking glasses, into glass recycling containers. They must be placed in mixed waste.

<p>Suitable for glass waste disposal:</p> <ul style="list-style-type: none"> • Coloured and clear glass bottles and jars used as packaging 	<p>Not suitable:</p> <ul style="list-style-type: none"> • Glass bottles with a deposit • Glassware (such as drinking glasses, bowls, coffee pots, glass lids of kettles) • Porcelain, ceramics, crystal • Window glass, mirror glass • Glass objects such as lamps • Opal glass (e.g., opaque glass of cosmetics packaging) • Hospital glass (ampoules and injection bottles)
---	--

Confidential documents; i.e., paper to be destroyed

Place confidential papers in locked 240-litre containers that are available in hallways and common areas. Remeo Oy is responsible for the disposal. The containers in LUT's facilities are sealed with Remeo locks. Remeo moves the containers to its own facilities for disposal. After pick-up, the containers remain in the possession of Remeo or its subcontractor at all times.

LUT-yliopisto
LUT University
 Yliopistonkatu 34, FI-53850 Lappeenranta
 Mukkalankatu 19, FI-15210 Lahti

lut.fi
 tel +358 29 446 2111

Y-tunnus 0245904-2
 ALV/VAT FI 02459042

LAB-ammattikorkeakoulu
LAB University of Applied Sciences
 Yliopistonkatu 36, FI-53850 Lappeenranta
 Mukkulankatu 19, FI-15210 Lahti

lab.fi
 tel. +358 29 446 5000

Y-tunnus 2630644-6
 ALV/VAT FI 26306446

Confidential films, floppy disks, cd-roms, microfilms, removable hard disks, data back-up tapes

Contact Facility Services or IT services on campus – they will deliver the items to collection containers and further recycling. Remeo Oy is responsible for the disposal.

Waste from electrical and electronic equipment (WEEE)

WEEE means electrical and electronic waste that is no longer in use:

- IT devices, office machines
- Small household appliances
- Entertainment electronics
- Washing machines, stoves
- Other electrical and electronic devices
- Anything that contains so-called electric wires

The devices must be removed from the device registry and hard drives removed from PCs. Hard drives are disposed of as confidential material. For other material, contact Facility Services/IT services on your campus. They will deliver the equipment to collection containers and further recycling. Remeo Oy is responsible for its recycling on both campuses.

Refrigeration equipment is collected separately and delivered directly to municipal/public collection points.

Oil waste

Clear and black oils must be collected separately. It is collected on campuses appropriately and delivered about once a year for oil recovery.

Hazardous waste

Examples of hazardous waste:

- Accumulators
- Chemicals
- Solid oil waste
- Paint
- Aerosol bottles

ATTENTION! Hazardous waste containers must always be labelled with details about the waste and the contact person. A safety data sheet must also be attached. Transportation documents must be archived for three years. Hazardous waste is disposed of directly by the school or department.

Batteries

Battery collection points are available on the campuses. Facility Services takes the batteries to a hazardous waste station. Stores selling batteries also accept used batteries.

Empty ink cartridges and tanks

The university has replaced personal printers with shared multifunction printers. This has reduced waste significantly. To dispose of individual cartridges, follow the instructions on the package.

More information

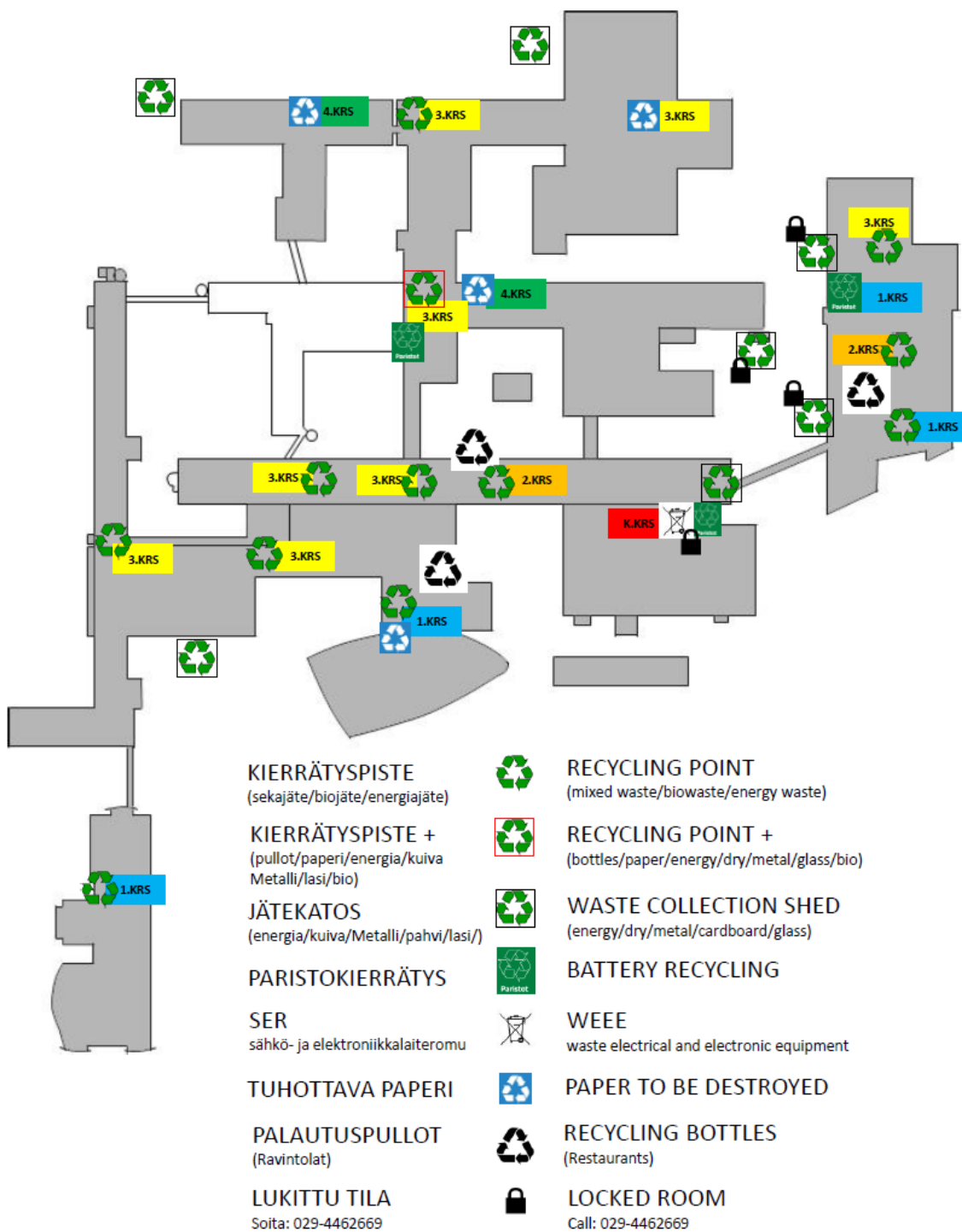
Lappeenranta campus: tilapalvelut.lappeenranta@lut.fi

Lahti campus: tilapalvelut.lahti@lut.fi

See the map of recycling points on the next pages.

Map of recycling points

Lappeenranta campus



LUT-yliopisto
LUT University
Yliopistonkatu 34, FI-53850 Lappeenranta
Mukkulankatu 19, FI-15210 Lahti

lut.fi
tel +358 29 446 2111

Y-tunnus 0245904-2
ALV/VAT FI 02459042

LAB-ammattikorkeakoulu
LAB University of Applied Sciences
Yliopistonkatu 36, FI-53850 Lappeenranta
Mukkulankatu 19, FI-15210 Lahti

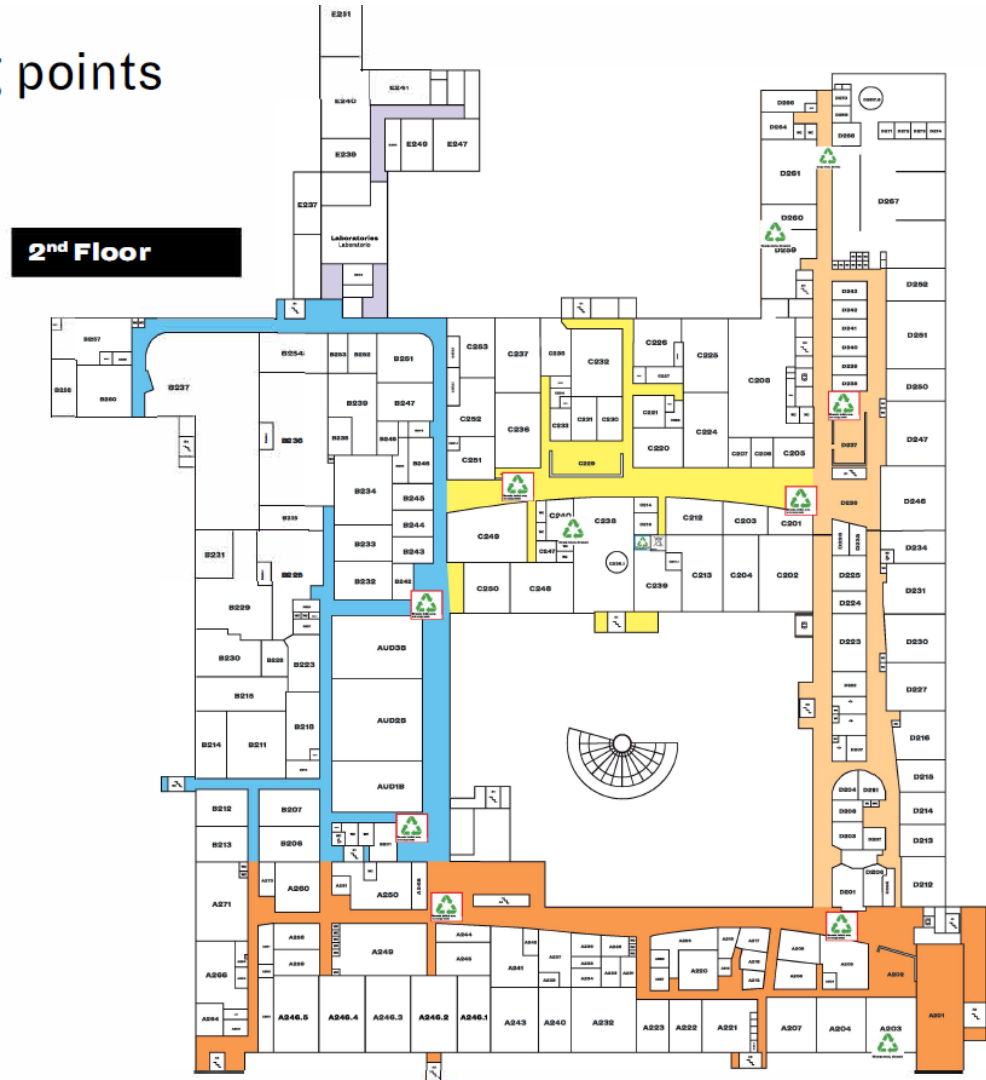
lab.fi
tel. +358 29 446 5000

Y-tunnus 2630644-6
ALV/VAT FI 26306446

Map of recycling points

Lahti campus

Recycling points



1st Floor



LUT-yliopisto
LUT University
Yliopistonkatu 34, FI-53850 Lappeenranta
Mukkalankatu 19, FI-15210 Lahti

lut.fi
tel +358 29 446 2111

Y-tunnus 0245904-2
ALV/VAT FI 02459042

LAB-ammattikorkeakoulu
LAB University of Applied Sciences
Yliopistonkatu 36, FI-53850 Lappeenranta
Mukkulankatu 19, FI-15210 Lahti

lab.fi
tel. +358 29 446 5000

Y-tunnus 2630644-6
ALV/VAT FI 26306446