



Collecting systems for apartment buildings in Luxembourg



Clever!



The legal basis

On the basis of the European Directive 2008/98/EG the Luxembourg law on waste management of 21 March 2012 provides that apartment buildings have to be equipped with the necessary infrastructure to allow for a separate collection of the various waste fractions (Art. 13, paragraph 3).



The objective : Reduction and prevention of residual waste

The main aspect is to largely reduce the quantity of residual waste by the separate collection and recycling of different products. In addition to the classic valuable products like paper, glass, metals and packaging (Valorlux), “bio-waste” should also be collected separately in apartment buildings. Furthermore there are: electr(on)ical appliances (**ecotrel** association sans but lucratif) and various hazardous substances as medication, lighting appliances (**ecotrel** association sans but lucratif), batteries (**ecobatterien** association sans but lucratif), aerosols (spray cans) or packaging with paint residues. The building management (Syndic) organizes the transport of these products.

Program and consultation

The “apartment buildings” project is based on the separate collection of waste on site. For this local adaptation, the SuperDrecksKëscht® provides the following solutions :

- Advisory services for the building management or co-owner community
- Inventory and analysis of the existing situation
- Collection and processing concept according to SDK implementation
- Instruction / training of the property management to use the collection station
- Briefing of inhabitants, training of building management staff
- Label certification

Practical implementation

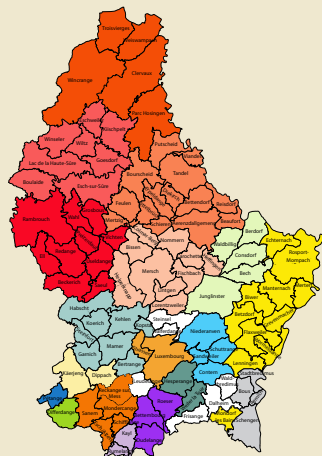
The implementation of the collection and processing of products is the task of the inhabitants, the building management, the co-owner community or an external service provider and includes:

- Purchase of containers and shelves
- Mounting and maintenance of the collection site
- Recycling of used products
- Annual balance sheet
- Continuous support

Regular collections

... by the municipalities

- Household waste
- Paper / cardboard
- Container / hollow glass
- Organic waste



... by VALORLUX



- blue bag – PMB*
- green bag – PMB* incl. foils
(collection takes place every fortnight)

* **P**lastic bottles and bottles, **M**etal packaging and **B**everage cartons



Example of a collection sites based on the SDK concept

SuperDrecksKëscht®

Collections about SDK® fir Biirger,
Recycling center, door-to-door
(4 times a year),

- medication
- Energy saving lamps
(**ecutrel**)
association sans but lucratif
- Small electr(on)ical appliances
(**ecutrel**)association sans but lucratif
- Batteries
(**ecobatterien**)
association sans but lucratif
- Aerosols (spray cans)
- Ink and toner cartridges
- Pollutant packaging
- Fluorescent lamps (**ecutrel**)
association sans but lucratif
- Kitchen oils and fats



Other services

... combined with possible additional costs:

- Put the containers in and out
- Disposal
- Maintenance and cleaning
- Removal

Practical example - plastic containers



Plastic containers (chargeable) with SDK shelf



The use of an SDK shelf is not mandatory

Practical example - SDK cardboard



SDK cardboard containers (free of charge) with SDK shelf



SDK cardboard containers with a neutral shelf

Waste meter : less waste, reduced costs!

The SuperDrecksKëscht® recommends using a waste meter to complete the collection station.



A waste meter is a system that is fitted to a public waste container. The waste passes through a deposit shaft into a chamber that can take 15-20 L, depending on the type of meter, and from there it goes into the waste container itself. Each household is able to unlock the input flap using a chip or card. Depending on the volume of waste each house-

hold deposits, the corresponding charges are allocated to them respectively.

This also complies with the polluter pays principle enshrined in the Waste law, which states that those who produce more residual waste should also pay more.

Benefits of the waste meter

- Billing according to the polluter pays principle
- Accurate charges: everyone pays for the waste they actually deposit.
- Reward/incentive for separating valuable/problematic products
- Reduced waste costs
- Protection from deposits by unauthorised people
- Annual invoice / balance
- Easy to use

= **You save money**

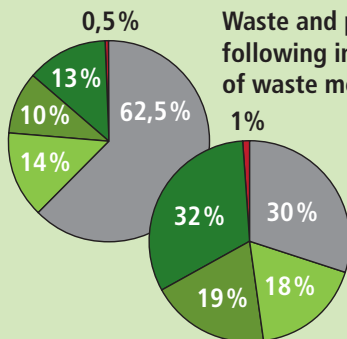


Saving costs

Optimisation of the collection of valuable products leads to economic advantages by less expensive logistic and disposal costs

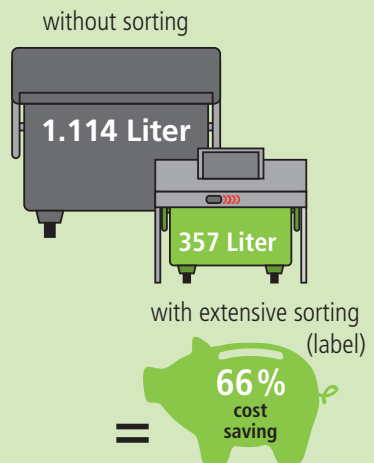
example of an apartment building in Luxembourg with 12 households (= 27,6 residents)

Waste and products -
with sorting but
without waste meter



Waste and products -
following introduction
of waste meter

Waste volumes and cost savings
per multiple-residency property
per week with sorting and waste meter



Distinction with the label SuperDrecksKëscht®

On the initiative of the residents, the Conseil Syndical or the property management, the residence can receive the SuperDrecksKëscht® quality label. To do this, it is necessary to set up a collection site, which ensures separate collection of the various old products and their documentation.

The label SuperDrecksKëscht® is a quality label for environmentally friendly waste management. It is ISO 14024 certified and promotes businesses and institutions from the private and public sector which, by implementing the SuperDrecksKëscht® fir Betriber concept, have made an active contribution to environmental protection by implementing a modern waste-management system.

All holder of the SuperDrecksKëscht® fir Betriber label benefit from free advertising and public relations through the SuperDrecksKëscht®.

Benefit from the advantages of the SuperDrecksKëscht® label around 3000 Luxembourgish companies from all areas, e.g. Craft businesses, restaurants, schools.





Advantages of a residence with label certification :

- simple and practical collection
as well as clean and safe storage of old products
- Ecologically oriented disposal
- Cost savings through transparent presentation
the quantities of waste product
- Legally compliant collection and disposal

Show your personal commitment to sustainability and climate protection! The SuperDrecksKëscht® label - an award that all residents can be proud of.

SDK RESSOURCEN INNOVATION NOHALTEGKEET CIRCULAR ECONOMY

SuperDrecksKëscht®



LE GOUVERNEMENT
DU GRAND-DUCHÉ DE LUXEMBOURG
Ministère de l'Environnement, du Climat
et du Développement durable
Administration de l'environnement



CHAMBRE
DES METIERS
Luxembourg

CHAMBER
OF COMMERCE
LUXEMBOURG

SuperDrecksKëscht®

Zone Industrielle Piret

L-7737 Colmar-Berg

Tel.: 48 82 16-1

e-mail: residenzen@sdk.lu



Partner:



Chambre immobilière
du Grand-Duché de Luxembourg

ecoutrel
association sans but lucratif

eco+ batterien
association sans but lucratif

VALORLUX

Detailed Information: **residenzen.sdk.lu**