

SuperDrecksKëscht®

A circular economy brand

SDK RESSOURCES
INNOVATION
SUSTAINABILITY
CIRCULAR ECONOMY
SuperDrecksKëscht®



29.11.2018





➤ The resource efficiency brand
SuperDrecksKëscht®
is under the responsibility of:



LE GOUVERNEMENT
DU GRAND-DUCHÉ DE LUXEMBOURG
Ministère du Développement durable
et des Infrastructures

Administration de l'environnement

legal basis

- law of 25th march 2005 concerning the financing and functioning of SDK
- law of 21st march 2012 about waste management

Partners on a
conventional basis:



In commission for the implementation of the operative
business since 1990: **Oeko-Service Luxembourg SA**

Activities under the motto ‚safety and future‘

- **Partner in sustainable waste management**
 - Ministry for sustainable development and infrastructures
 - municipalities
 - Chamber of crafts
 - Chamber of commerce
- **Strategy based on the EU-waste hierarchy:**
 - role model for the ecological restructuring of society
 - resource efficiency – circular economy
 - protection of the environment
 - climate protection



awarded with the label
,best practice‘ by the
European Commission



Because of their practicability the activities are recognized by the EU Commission through the award of the label ‚best practice‘.



- we do not consume waste but products - so we do not have waste, but used products
- used products are a reflection of the **consumer society**
- waste management means **re-consumption economy**, as a part of **circular economy**

➤ **consumption**

means the supply of citizens with the necessary daily consumer goods

➤ **re-consumption – reverse consumption**

means the corresponding organisation of the re-capture of these consumer goods, according to the criterias of consumption and thus represents a necessary evolution of the classic waste management strategy



1. Animation - information - awareness raising - training and further education
2. Ecological waste management in companies - with DIN EN ISO 14024 certification
3. Clever akafen (Clever shopping) - intelligent and sustainable consumption
4. The SuperDrecksKëscht® and its partners in the economy and associations – producer systems
5. The SDK and its partners in the municipal and social fields
6. Ecological waste management = Circular Economy – protection of climate and resources

2. field: ecological waste management in companies - with DIN EN ISO 14024 certification

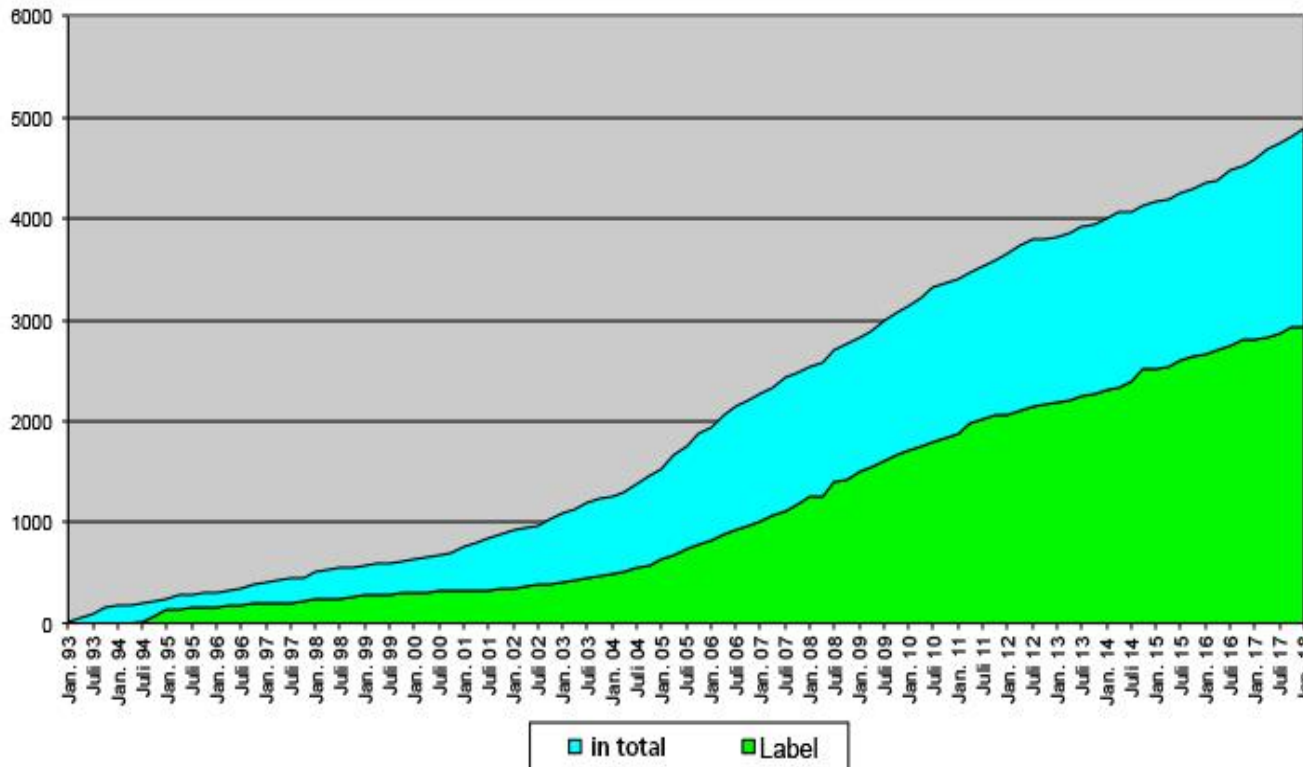
- SuperDrecksKëscht® fir Betriber:
 - practical advice and waste management concepts
 - training on waste prevention and separation for staff
 - ecological and economic advantages through intelligent waste management, with emphasis on environment, quality and safety
 - Label certification: quality label for companies certified according to DIN EN ISO 14024

The label SuperDrecksKëscht® - well-known consumer brand and instrument to promote the economy

- quality label for environmentally correct waste management for companies and institutions in the private and public sector, construction sites, housing facilities (residential buildings), offices and waste processing companies
- reliable sign for consumers
- number of labelled companies: around 3000 (June 2018)



The label SuperDrecksKëscht® - well-known consumer brand and instrument to promote the economy



The around 5000 participating companies/ institutions represent 250.000 employees, which constitutes 60 % of all employees working in Luxembourg (375.000; status Jan. 2015).



3. field: Clever akafen - intelligent and sustainable consumption

- cooperation with trade and consumer protection association
- advising consumers to cost-conscious and sustainable consumption
- selection of label products according to defined criteria:
 - rechargeable batteries and accessories
 - low-energy and durable lighting equipment
 - ecologic lacquers and paints
 - ecologic detergents
 - ecologic school and office material
 - rinse-off-products
 - hygiene paper



3. field: Clever akafen - intelligent

and sustainable consumption

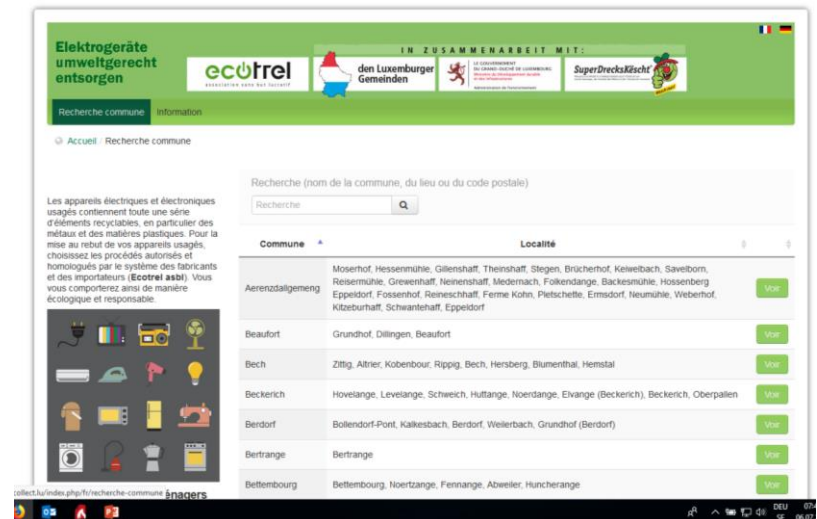


4. field: The SuperDrecksKëscht®

and its partners in the economy
and associations

- Cooperation -
 - in quality management and further education
 - Commerce (Clever akafen etc.)
 - Luxembourg extended producer responsibility systems
 - Ecotrel asbl and Ecobatterien asbl, Valorlux asbl
 - by exchanging Know-How with the ULC (Union Luxembourgeoise des Consommateurs) in consumer advice

- Collection systems:
- Recycling centers
- Collections centers (CTR):
 - SDK in Colmar-Berg
 - Lamesch in Bettembourg
- Mobile SDK collection
- Commerce
- Info: www.e-collect.lu



Primärbatterien und kleine Akkumulatoren mit niedriger Leistung

- Alkaline (LR)
- Silber-Zink-Knopfzellen (SR)
- Zink-Kohle (R)
- Zink-Luft (ZnO₂)
- Lithumbatterien, nicht aufladbar
- Akkumulatoren, klein



Hochenergieakkumulatoren und Lithiumprimärbatterien (Lithium-Ion, Li-Polymer, LiPo, NiCd, NiMH oder neue Technologie)

- Akkumulatoren von Elektrowerkzeugen und Laptops
- Akkumulatoren von Mobiltelefonen und Elektro-Bikes
- Akkumulatoren über 500g
- Lithium-Primärbatterien (nicht aufladbar) - **Monochargen** -
- Akkumulatoren, klein - **Monochargen** -



Beschädigte Hochenergieakkumulatoren (Lithium-Ion, Li-Polymer, LiPo, NiCd, NiMH oder neue Technologie)

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PE-Ventildeckel-Fass 30 l bei Kleinstmengen

oder



800 l SAP Behälter mit PE-Innensack

Status
Oktober 2015



- ! Behälter 1H2 (PE-Ventildeckel-Fass 30 l)
- ! Pole mit mitgelieferten Aufklebern isolieren
- ! Fass korrekt kennzeichnen (Gefahrgut UN 3090 / UN 3480)



in Gelkoh-Sicherheitsbehälter einstellen



- ! Behälter 1H2 (PE-Ventildeckel-Fass 30 l)
- ! Pole mit mitgelieferten Aufklebern isolieren
- ! einzeln in PE-Sack verpacken
- ! Fass mit Isoliermaterial auffüllen (Vermiculite/Perleen® 444)
- ! Fass korrekt kennzeichnen (Gefahrgut UN 3090 / UN 3480)



in Gelkoh-Sicherheitsbehälter einstellen



5. field: The SDK and its partners in the municipal and social fields

- municipalities: advice and sensibilisation of citizens, waste management, reverse consumption
- New projects:
 - Green events
 - Climate pact (for municipalities)
- nature and environmental protection: cooperations in projects like 'without pesticides'
- employment: training and further education for the unemployed or other persons interested in further education
- disabled and disadvantaged: integration through employment or contracting with concerned organizations

SuperDrecksKëscht®

- collection scheme for problematic substances from private households



Mobile collection



Recycling Centers

- different collection systems
 - Service center
 - door-to-door collection
 - recycling centers
- Info about problematic and dangerous products
- sensibilisation of the public about prevention and sustainable consumption
- Partner of Luxembourg producer systems
 - Ecotrel asbl
 - Ecobatterien asbl



Apartment buildings - collection systems for sustain- abilty and cost reduction

- residenzen.sdk.lu



**Waste meters: avoid waste,
sort waste, save money !**



Chambre immobilière
du Grand-Duché du Luxembourg





Consulting service for an ecological waste management on construction / demolition sites

- bau.sdk.lu
- www.ml.public.lu ⇨ LENOZ

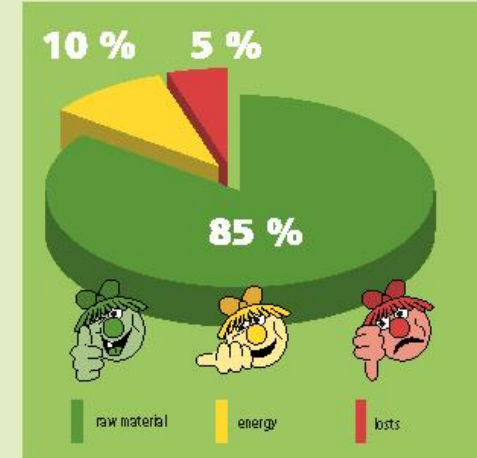
New: The LECO-Box
for small construction sites





Resources potential - the transparent tool for the evaluation of the recovery of raw materials from waste products

- www.resources-potential.com





SuperDrecksKëscht® resources potential

- developed with the former national research centre for environment techniques CRTE (now LIST), further developed in 2014
- instrument to check and assess the further processing of waste products (**output flows** of processing plants)
- further development of classical recycling quotas
- based on the efficient use of resources
- method certified according to ISO 14024

resources potential – evaluation method



raw material potential

- preparation for reutilization
- material recycling



energetic potential

- production of a substitute combustible
- energetic recovery



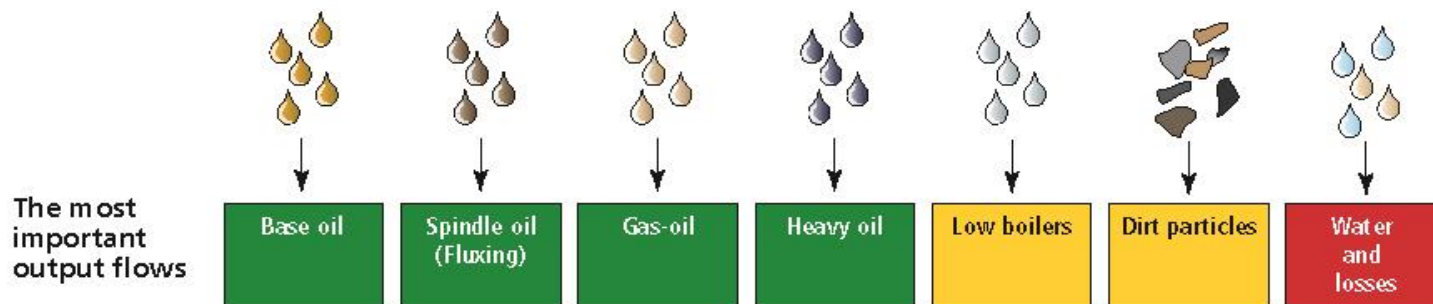
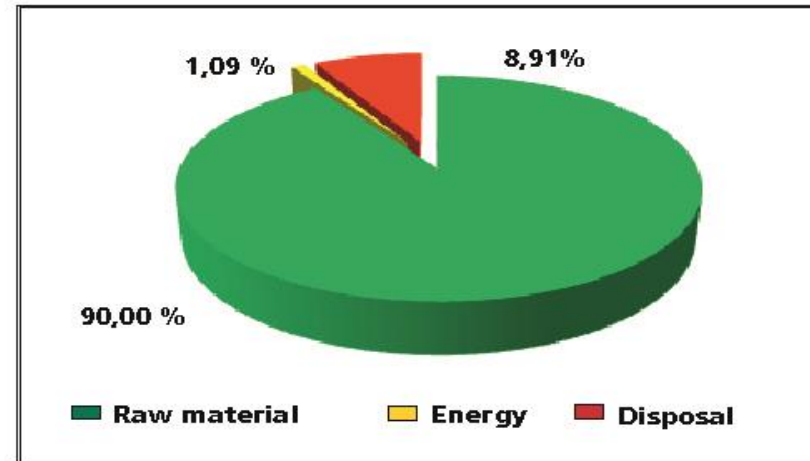
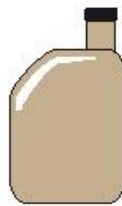
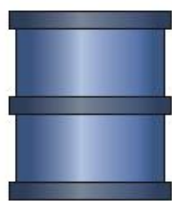
Elimination




- landfill
- incineration
- losts

Used oils - Resources potential

Product recipient:
Schirra, D-Wadern
Südöl, D-Eislingen

www.oelschirra.de
www.suedoel.de



	Raw material potential: - material recycling - preparation for reutilization		Energetic potential: - production of a substitute - combustible - energetic recovery		Disposal - landfill - incineration - losses
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Resources potential for new products - Ecodesign and Circular Economy

- www.resources-potential.com
- www.robin.lu
- www.contern.com

Example:





Flécken a Léinen *Use products responsibly*

- www.flecken-a-leinen.lu
- www.dingdong.lu



Flécken



Léinen





ECOBIX - Méi laang genéissen - The deposit system in Luxembourg for the transport of food



- www.ecobox.lu
- www.antigaspi.lu



in collaboration
with :



- Thank you very much for your attention
- Questions / infos
- Your contact:

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